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QCWA Journal

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Winter - 1999

NUMBER 4



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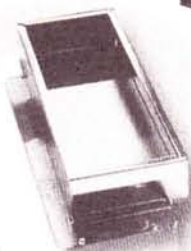
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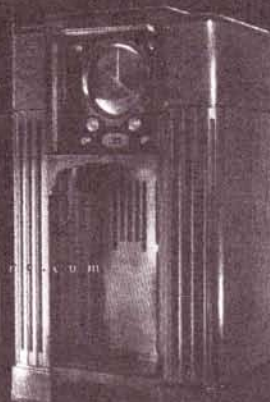
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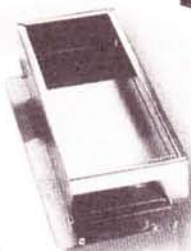
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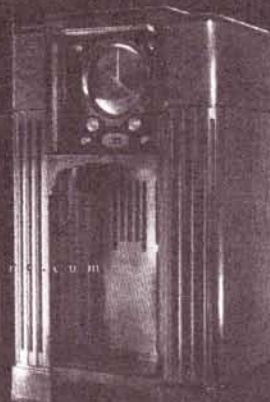
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QCWA National Nets

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*Welcome
to
The New
Millennium
2000*



"K4LMB" Callsign is Assigned to YLRL

-by Jim Wilcox W3WV

Ethel Smith, K4LMB, (SK) indeed was a most-loved member of QCWA. She did so very much for Amateur radio that it would be impossible to put value on it. More importantly, though, she was an exceptional human being and an extraordinary friend.

One benefit Ethel brought to Ham radio is the Young Ladies' Radio League (YLRL). It was her letter published in QST in 1939, and her subsequent drive and leadership, that resulted in the founding of YLRL. Because Ethel indeed was the "founding mother" of YLRL, it is fitting that YLRL now holds Ethel's call, K4LMB, as their club call. Check out the YLRL web site at <<http://www.qsl.net/~ylrl/>>.

Ethel also was one of the driving forces in the founding of Vic Clark Chapter 91's widely popular Sunday morning VHF net, which celebrated its "ninth birthday" on 16 September. YLRL granted permission to Chapter 91 to use "K4LMB" as the net call for this birthday net. We were even further honored in that YLRL had not yet used the call, so Chapter 91 was the first to put "K4LMB," the call of our (arguably) favorite member, back on the air. NC for this net was Jim, W3WV, who founded the net and was sole NC for many years.

We very much thank YLRL, especially Nancy Rabel Hall, KC4IYD, the YLRL President, for the privilege of using "K4LMB." And Ethel, thanks so much for the difference you made in the world; we can't repay you enough.

Important Financial Correction

In William N. Goodman's article, "Pay No Income Tax when Selling Your Investments at a Profit", page 7 Fall Issue - In the first paragraph, the 4th sentence should read, "Would you like to avoid paying Federal estate tax (from 37% to 55%) and state inheritance tax on the proceeds?"



Advisory

QCWA members are advised to use caution in the following areas to ensure they adhere to the law.

- ✓ In Pennsylvania (1) one may not catch a fish with your hands and (2) one may not catch a fish by any body part except the mouth.
- ✓ In Arizona hunting camels is prohibited.
- ✓ In Portland Oregon one cannot wear roller skates in restrooms.
- ✓ In Maryland it's illegal to take a lion to the movies.
- ✓ In Austin Texas wire cutters can not be carried in your pocket. In San Antonio, it is illegal to urinate on the Alamo.
- ✓ In Toledo Ohio throwing a snake at anyone is illegal and in Youngstown, riding on the roof of a taxicab is not allowed.

QCWA ON LINE

By Dan Copeland NØDT

Hello and welcome to my first installment in the QCWA Journal. My name is Dan Copeland NØDT and I have been the QCWA Webmaster for the last 2 years. If you have not visited the site lately, you should do so. The address is <http://www.qcwa.org> I have been working on it and have given it a face lift. We plan to start adding more information in the near future. We are putting a small survey on line to get the members' views on some things.

We have started an Internet e-mail list for the QCWA. This is a great way to feel like a part of a community. It is a lot like talking over the fence with your neighbor, or have that long rag chew with the gang on 20 meters, except you don't have to be there all the time to join in. It is a great way to have any questions answered or just to float ideas.

To join the list is very simple. Go to <http://www.qth.net> and select QCWA from the list. Enter your e-mail address and click on subscribe. Please do not use any e-mail address that is forwarded like the ***@arrl.net. This is the kind of address that people use to send SPAM or unsolicited e-mail telling you how to get rich quick. The owner of the server is doing everything he can to prevent this from happening and he is doing a very good job. You will receive a message asking if this is what you want to do. Send back the reply the way it instructs you to and you then will receive an intro message. That's all there is to it. You will then receive every message that is sent to the list. The intro message will tell you how to submit messages to the list.

Al Walker K3TKJ provides the server at no cost to QCWA. He provides some very fine services for the Amateur Radio community.

If you have any problems just send me a message at n0dt@dcopeland.com and I will try and help you out.

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The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a noncommercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed.

Membership inquiries and general correspondence should be addressed to the business office at 159 E. 16th Ave., Eugene, OR 97401-4017 USA. Telephone, 541-683-0987. Fax/BBS, 541-683-4181.

From the President

Gary R. Harrison, KØBC



I received a letter containing the Spring QSO Party logs for W2SD recently. Ken Palmer, K2FJ participated in the QSO Party by operating the Chapter 65 club station. Ken was very disappointed that his entry was not listed as one of the high placing scores. I checked into this for Ken and found that the log tellers never received his entry. I am sure that Ken worked quite hard and did score very high, but missed out when the paper work did not get to the tellers. W2SD was one of the few stations that I worked during the Party. I appreciated the W2SD QSL card and remember Ken's signal as being the strongest on the band while I was operating. Again I am sorry that this happened and hope that Ken scores well during the Fall QSO Party.

I am writing this after getting home from the QCWA Convention in St. Louis. This was the cumulative effort of many hours of planning and hard work that resulted in a nice time for those attending. The forums were entertaining as well as informative. Carolyn and I enjoyed visiting with friends. A big well done and thanks to Chapter 19!

While on the road home I attempted to check into the Sunday 20 meter net from my mobile. I found that the net did not have a net control station. It seems that most of the usual net control operators were on the road home from the Convention! I want to thank Ron Parham, K2SST, for operating as net control. I hope that I have that correct, as logging while driving at 70 miles an hour is not a good idea particularly with the amount of vehicle traffic on Interstate 44.

During the net operation I had the opportunity to talk to Robert Baird, W9NN. As Robert is one of the founding members of QCWA it seemed appropriate to mention the Convention planners had the attendees sign a card to be mailed to the founding members that were unable to attend. It is also interesting to note that meant member number 24266 (KØBC) was talking to member number 52 (W9NN). In the fifty-two years since the founders started our Association we have issued more than 30,000 member numbers.

The QCWA Board and Officers will be participating in a new (to the Board) email service. This is the QCWA list that is on the Internet. This will mean much faster input from the members as well as group discussions. This functions as an address nickname would for your email software. Anyone that subscribes to the list will be able to send a single message to the list and all of the others will receive that message. If you have email service please read the article by Dan Copeland, NØDT in this Journal. This is very easy to sign up and use. This will allow discussions with all of the members that subscribe. If you want to send a private message to any of the Board you still can use the address shown on page 2 of this Journal. If possible you should also check the QCWA home page as it has had a recent face-lift. Please answer the survey while you are there.

Just me and the guys, er, Officers and Board of Directors hangin' around. Notice that the officers get to sit down.





Editor's Corner

You are about to read the last QCWA Journal ever to be published in this century. That statement sure sounds profound but it's simply a statement of fact. As we embark on the 21st Century, I think we can say that our final issue is a humdinger! The Journal is receiving a fair number of good articles and more little tidbits from the chapters that are of general interest to our readers.

Just as we were about to go to press, I found out our esteemed General Manager returned safely from his trip to New Guinea. Apparently he didn't get into a QCWA stew cooked up by the cannibals that are rumored to still inhabit the islands around New Guinea. He'll be around to receive the accolades for his book review of Hiram Percy Maxim. You can read it right next door on this page.

Don't miss the very fine article by National Director Alan J. Pickering, KJ9N on page 40. This is his second article to appear in the Journal and like the first, it's quite thought provoking.

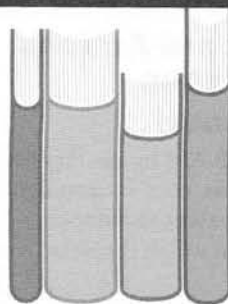
One of the thankless jobs in the QCWA organization is the Webmaster. He's the man who maintains the website, keeps the mayhem of the Internet under control and makes sure the members have simple access to headquarters and officials through their personal computers. The man is none other than Dan Copeland, NØDT. Dan has written a brief tutorial about some of the goodies he's planning for the website. Check it out on page 17.

There are many articles we hope you find interesting in this issue. Unless the computer explodes come January 1st, 2000, the Journal will meet you again in the spring - March of the new millennium.

QCWA HISTORICAL MATERIAL WANTED

It is important that we preserve any or all material pertaining to the history of the QCWA for posterity. If you have items to contribute to the historical record of the QCWA organization, please contact:

Historian Wesley Randles, W4COW
6002 N. Fremont
Tampa, FL 33604
Ph: 813-870-0867
e-mail: w4gxz4@juno.com



Book Review

- By Jim Walsh, W7LVN

Hiram Percy Maxim

By Alice Clink Schumaker

Published by Electric Radio Press

14643 County Road G

Cortez, CO 81321

Phone 970-564-9185

I first became aware of this book when I read about Ms Schumaker's writing in a recent issue of the University of Oregon Alumni news. Here was one of our alumni writing about the 'father' of amateur radio. Then Barry Wiseman, N6CSW, introduced me to an actual copy of the book. A rare experience for me, but I have read this book several times in the last few months and each time I feel an exhilaration. In fact this has given a great boost in my feelings for amateur radio, which had been steadily dropping down over the past few years.

Electric Radio Press picked up the publishing rights to this story of Hiram Percy Maxim and with much additional information gave back to the world a brand new book on his efforts on behalf of amateur radio.

This man had such a wide and varied interest in things about him. Automobiles, guns and silencers and amateur radio were all subjects of his very intense endeavors. Yet he was a father who was intense in his devotion to his children and his family. He probably won the first automobile race in the history of the U.S., with his work on a gasoline automobile.

He is credited with being the 'father' of amateur radio and it is truly so, for in January of 1930 he spoke before the Interstate Commerce Commission and thus began what we now know as Amateur Radio. It was his almost evangelistic attitude which prevailed and for that, all of us should offer thanks.

As the first President of ARRL he voiced an opinion against many things from very poor operating practices to some bickering that took place in the hobby. The struggle that Maxim faced in those early days has some similarities with the struggle that is taking place in this time of our lives with regard to the existence of our hobby.

I wish that this could be a mandatory manual for all new amateur operators to read or at least to hear about and create a more responsible attitude for this hobby. Get a copy and add to your library of valuable books that should be in everyone's possession.

Interesting Fact

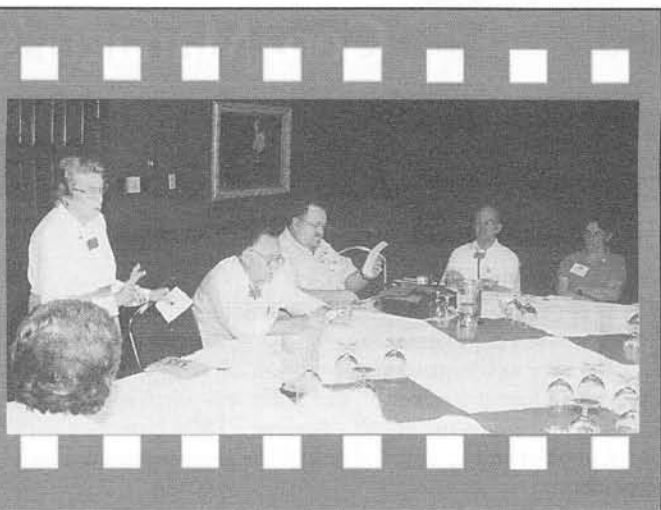
Why is Bill Lawrence KB6QAQ of QCWA Chapter 191, Monterey Bay fond of getting hives?

Because Bill is an expert on *Apis mellifera*, known to most of us as bees. You know, those things that sting and sometimes get in your bonnet. They also produce a delicacy called honey. He was the featured speaker at a recent chapter 191 breakfast and served up honey for the breakfast toast. I'll bet his list of "honey-do's" reads much differently than most of ours.





Steve Mendelsohn, W2ML, ARRL 1st VP (r) receives his speaking award from conference chairman Roger Volk KØGOB.



Blanche Randles W4GXZ, President of QCWW leads meeting on Saturday afternoon.

Down on earth, the forum by Pete Eaton, WB9FLW, outlined several narrow band digital communications techniques for HF. He and QCWA attendee Stan Stimson, N5WU, put on a live demo of the new PSK-31 protocol with the help of a laptop computer and a new K2 transceiver kit. It was copying CW signals that were not always detected by the human ear.

Are you frustrated by interference that you cannot locate? Then you should have attended the interference location techniques presented by Mike Musick, NØQBF. Mike has more equipment in his vehicle than should be permitted by law. In fact, he has been banned (by mutual agreement) from participating in local Fox Hunts as he is in a league all to himself. The good news is that he readily shares his knowledge with others to enhance their capabilities.

Moving from all of the state of the art forums above to a discussion/demonstration of audio techniques would be a let down unless the presenter was none other than Mr. Audio himself, Bob Heil, K9EID. Not only are Heil Sound microphones, preamps and headsets used by Amateurs around the world, but he produces equipment for the professional and entertainment industry as well. While we were having our attitude adjusted before the banquet, Bob took requests and played the organ to the delight of everyone.

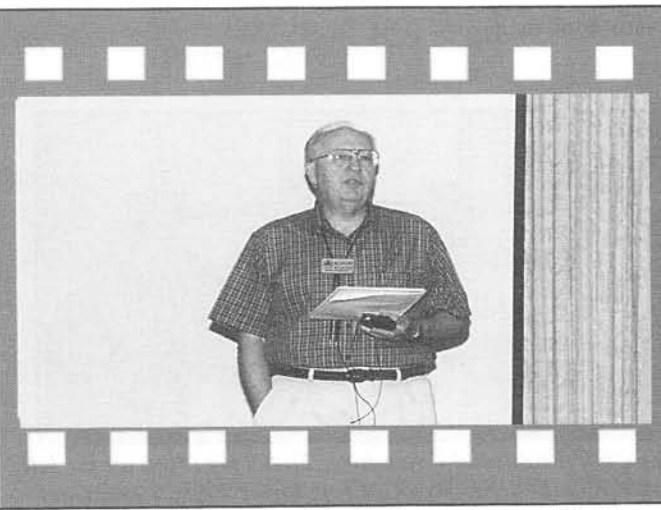
The WX was excellent during the entire time of the convention. The Friday tour stopped at the Arch where visitors could see some 80 miles in each direction. The evening mixer was held outdoors and attendees stayed and talked long after the hotel rolled up the paving. With 23 eating establishments within walking distance, many impromptu groups formed to make new friends and to share their experiences.

Oh yeah, during all of the festivities, the QCWA Officers and Board Members did meet to handle the business issues. Others, I'm sure, will cover that report.

Chapter 19 wishes to thank all who attended for making the convention successful. See you next year in Toronto.



Bob Heil K9EID (left) receives his speaking award from conference chairman Roger Volk KØGOB..



Secretary Chuck Walbridge K1IGD discusses BOD meeting topics.

AMSAT Space Symposium -

This year's AMSAT Space Symposium was held in San Diego, CA, on 8-10 October 1999. Approximately 230 amateur radio space enthusiasts attended. Twenty topics were presented during the two days of general sessions. In addition, a Beginners Forum and the IARU Satellite Meeting were held on Friday evening. The final session on Saturday was the AMSAT-NA General Meeting. Saturday evening started with "Thruster Firings" (Attitude Adjustments) and continued with the Banquet. The evening was "topped off" with featured speaker, Jim Benson, Pres. & CEO of SpaceDev, Inc. followed by AMSAT Award Presentations, and "wrapped up" with prize drawings. Sunday morning featured the AMSAT Field Operations Breakfast and tours to QUALCOMM Incorporated and SpaceDev, Inc. Sunday afternoon saw the start of the AMSAT Board of Directors Meeting, which continued into Sunday evening and ended Monday afternoon.

The twenty topics presented in the general sessions included ground station construction and operations, satellite construction, microwave techniques, orbital mechanics, educational projects, software, University involvement, Amateur Radio On-board the International Space Station (ARISS), and Phase 3D Update. With this wide range of topics, everyone found something of interest. I found the various reports from University projects, ARISS status, Phase 3D Update, and "InstantTune for the FT-847" by Anthony Monteiro, AA2TX, most interesting. Another paper I thoroughly enjoyed was "No-Tune Transceivers for the Microwave Bands" by Matjaz Vidmar, S53MV. An excellent compilation of these papers is available in the "Proceedings of the AMSAT-NA 17th Space Symposium, and AMSAT-NA Annual Meeting." This book is available from AMSAT and the ARRL.

Once again I came away full of new knowledge and enthusiasm. Next years meeting will be held in October 2000, in Portland, ME, so start your plans to attend and participate now.

A Trip "Down Under" -

While Amateur Radio Satellites rank at the top of my hobbies, I also like to devote some time to travel, private flying, and photography. This year I combined all of these into a three-week trip to Australia and New Zealand. Two of the three weeks were spent on the "Frontier Explorer" tour organized by the Great Outback Air Navigation Adventure (G.O.A.N.A.) group out of Brisbane, Australia (<http://www.goana.com.au>). This group organizes and conducts tours by self-flown Cessna 172 aircraft over various parts of Australia.

To start with we flew from Fort Worth, TX, to Sydney, Australia, by commercial air. My first encounter with satellites on this trip happened during the flight to Sydney when the first GPS End of Week Roll-over occurred about three hours out of Los Angeles. I was unable to observe it directly on my GPS but the effects were noted and corrected during my visit in Perth. I spent one night in Sydney, NSW, before flying on across the Australian Continent to Perth, WA, for a visit with my cousin. While in Perth, I visited the Australian Communications Authority office and picked up an Amateur Radio License, VK6BRB, for use on the rest of the trip. After an enjoyable two day visit with my cousin and his family and a tour of Perth and Fremantle, I left for Brisbane, QL, via Adelaide, SA, and the start of the "Frontier Explorer" air tour.

The first day was spent learning Australian Air Traffic Pro-

cedures and getting checked out in our aircraft, VH-SPU, a very clean Cessna 172. We also became familiar with our tour leader and the other members of our tour group. The group consisted of eight people, including the leader, and four aircraft. On the second day we departed Brisbane for a trip up the Coast to Great Keppel Island. On this leg we saw the only showers and overcast ceilings of the whole trip. After a tour around the Island by Catamaran for a half a day plus a number of other events we departed for the Interior.

The first inland stop was Avington Station in central Queensland where we saw native Australian wildlife, learned outback folklore, and witnessed a Sheep Shearing. From Avington Station we continued on to Longreach, QL, where we visited the Stockmen's Hall of Fame and the QANTAS Airlines Museum. Longreach is where the Queensland and Northern Territory Air Service (QANTAS) received its start many years ago. Enroute from Longreach to Mount Isa we "buzzed" the Walkabout Creek Hotel (from "Crocodile Dundee") in McKinley, QL. Between Mount Isa, QL, and Alice Springs, NT, we crossed over Utopia, an Aboriginal village and reservation.

While in Alice Springs, we attended a Didgeridoo Concert, visited the Royal Flying Doctor Service, learned about the School on the Air project, visited the original Overland Telegraph Station, saw the Alice Springs Amateur Radio Club Exhibit in one of the local museums, visited the Desert Park, and toured the country side. An interesting sidelight was learning about Alfred Traeger, "The Pedal Radio Man." Traeger was an Australian Amateur Radio Operator who invented the Pedal Radio that became the backbone of communications for the Royal Flying Doctor Service. He continued to produce an ever-improving line of radios for the Royal Flying Doctor Service throughout the remainder of his career until his death. Without the development of this HF Radio Network, the Royal Flying Doctor Service would not be able to carry out its mission to the remote communities and stations in the Australian Outback.

Next stop was the famous Ayers Rock. While here, we toured the area both by land and by air. Special viewings were set up for Sunset on Ayers Rock and Sunrise on The Olgas. These formations are impressive because of their size and their "remoteness."

From Ayers Rock we continued on to Coober Pedy, SA, for a visit to the Opal Mines and the city of underground living. First we visited the "unique" Coober Pedy Golf Course where the Greens are Black and grass is non-existent. We also learned about the rugged existence living in Coober Pedy and working in the mines. Nearly everything, including our Motel room, is underground to avoid the summer heat. Of course no Coober Pedy trip would be complete without buying a sample of Opal.

On to Broken Hill, NSW, for an overnight stop and a visit with my cousin's wife's Aunt. Broken Hill is another mining town. Here I encountered an Australian storekeeper that offered me a ride to another store to pick up some photographic film because he didn't have the type I wanted. This friendliness was typical throughout Australia.

After Broken Hill, we crossed the "Dingo Fence" and proceeded on to Haddon Rig, another Sheep Station. This Station is the home of the prize Merino Rams that are the Sires of the famous Merino Sheep. Haddon Rig also produces cattle and feed for both the sheep and cattle. While at Haddon Rig I also learned to

Continued on page 14

75 year Awards

Edward Proske W8KEJ - 75 Years of Service



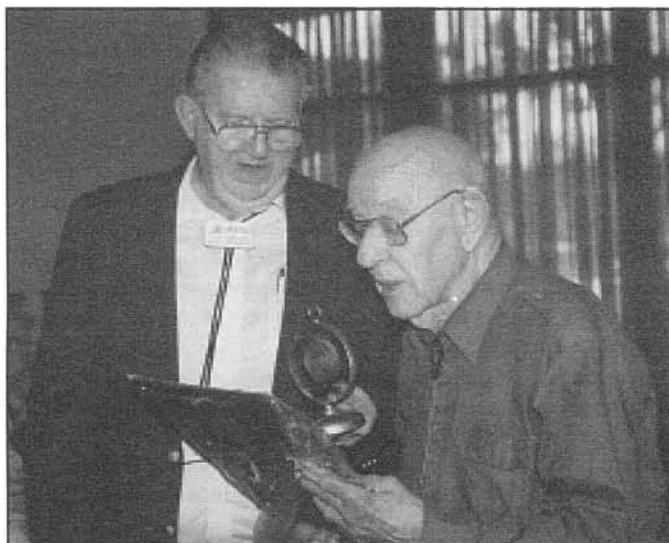
Edward Proske W8KEJ proudly displays his award.

On January 1, 1997, Edward Proske W8KEJ, received the Distinguished Member award for 75-years of service to amateur radio. According to Catherine Broske, Ed is so very proud of his award that he shows it to everyone who comes into the house.

Ed started in ham radio in St. Louis and has been active ever since. During the war while living in Atlanta, he loaned his radio to the Army. Ed is now 93 years young and living in Cincinnati, Ohio

The Journal thanks Ed for sharing his picture and information with us.

Harold "Curley" Johnson W7PN Honored for 75 Years



QCWA Chapter 4 Vice President Lew Rambo WA7ELI (left) presents 75-year award to W7PN 'Curley' Johnson QCWA #1679. The microphone? Of course it works!

At a recent luncheon of QCWA Chapter 4 held in the Lake City Washington Elks Club, long-time QCWA member "Curley" Johnson was honored by those present by being presented a beautiful plaque and certificate for 75 years of distinguished service, with Chapter Vice Chairman Lew Rambo, WA7ELI doing the honors.

Curley, now 93, was born January 25, 1906 as Harold W. Johnson and was first licensed in the year of 1923. He was one of the founders of Chapter 4 and served as its secretary for over a quarter of a century. The Chapter also recently honored him with the title of Secretary Emeritus. Colonel Johnson also served his country with distinguished military service. He organized and promoted the 6th National ARRL Convention held in Seattle, Washington in 1951. Each Sunday Curley acts as NCS for the Chapter's 75 meter net.

peaters in ITU Region I will conform to the 12.5-kHz standard. The same change is under consideration for 70-cm repeaters as well.

FCC COMMISSIONER NESS NOMINATED FOR ANOTHER TERM: (ARRL letter vol.18 #33, August 20, 1999)

President Clinton has nominated FCC Commissioner Susan Ness for another term on the Federal Communications Commission. Ness—who has served on the FCC since 1994 and has been its senior member since November 1997—said she was “deeply honored” to have been re-nominated. Ness cited her work to improve children’s educational television, promote universal telephone service, connect classrooms and libraries to the Internet, roll out digital television service, introduce new wireless services, expand telephone and video competition, promote efficient spectrum management, open overseas markets, and eliminate unnecessary regulations among her accomplishments during her tenure on the Commission. Ness was the FCC’s lead representative at the 1995 and 1997 World Radio communication Conferences in Geneva.

RICHARD L. BALDWIN, W1RU, NAMED IARU PRESIDENT EMERITUS (ARRL letter Vol. 18, No. 31, August 6, 1999)

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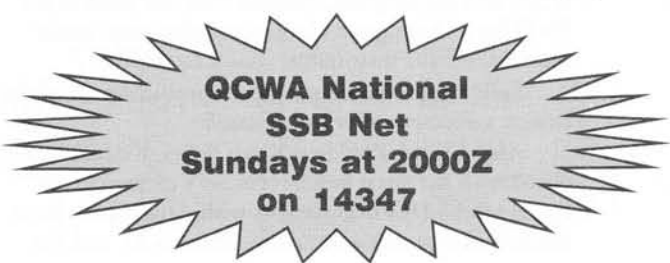
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Continued on page 14



**QCWA National
SSB Net
Sundays at 2000Z
on 14347**

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I have always enjoyed Field Day. I don't know why, because I always am dead tired, sore, and sleepy for a week after it's over. But the fun of putting up a big station, using antennas I can't try from home due to lack of room, and the potato-cheese soup at midnight. . . well, there's just something special about Field Day.

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Not knowing what satellite(s) might decide not to work on the weekend of Field Day, I determined that it would be wise to hedge my bets by assembling a station that could cover 435 MHz, 145 MHz, and 29 MHz. In this way, I would have a shot at the Japanese Fuji satellites, the Russian birds RS-13 and RS-15, and possibly venerable old AO-10, which was launched in 1983. All I needed was one contact (in order to qualify for the 100 Bonus Points you get for making a Satellite contact). But you never know.

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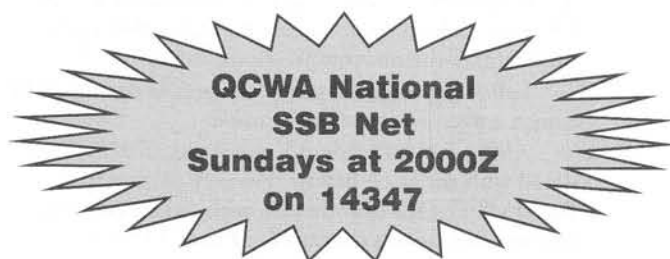
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75 year Awards

Edward Proske W8KEJ - 75 Years of Service



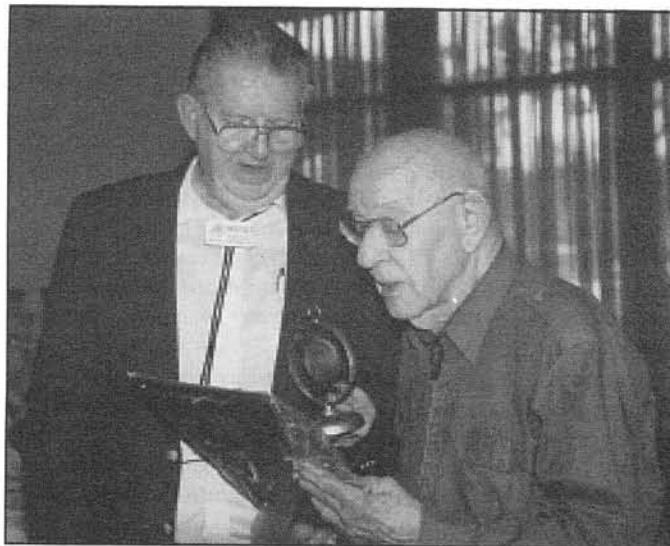
Edward Proske W8KEJ proudly displays his award.

On January 1, 1997, Edward Proske W8KEJ, received the Distinguished Member award for 75-years of service to amateur radio. According to Catherine Broske, Ed is so very proud of his award that he shows it to everyone who comes into the house.

Ed started in ham radio in St. Louis and has been active ever since. During the war while living in Atlanta, he loaned his radio to the Army. Ed is now 93 years young and living in Cincinnati, Ohio

The Journal thanks Ed for sharing his picture and information with us.

Harold "Curley" Johnson W7PN Honored for 75 Years



QCWA Chapter 4 Vice President Lew Rambo WA7ELI (left) presents 75-year award to W7PN 'Curley' Johnson QCWA #1679. The microphone? Of course it works!

At a recent luncheon of QCWA Chapter 4 held in the Lake City Washington Elks Club, long-time QCWA member "Curley" Johnson was honored by those present by being presented a beautiful plaque and certificate for 75 years of distinguished service, with Chapter Vice Chairman Lew Rambo, WA7ELI doing the honors.

Curley, now 93, was born January 25, 1906 as Harold W. Johnson and was first licensed in the year of 1923. He was one of the founders of Chapter 4 and served as its secretary for over a quarter of a century. The Chapter also recently honored him with the title of Secretary Emeritus. Colonel Johnson also served his country with distinguished military service. He organized and promoted the 6th National ARRL Convention held in Seattle, Washington in 1951. Each Sunday Curley acts as NCS for the Chapter's 75 meter net.

AMSAT Space Symposium -

This year's AMSAT Space Symposium was held in San Diego, CA, on 8-10 October 1999. Approximately 230 amateur radio space enthusiasts attended. Twenty topics were presented during the two days of general sessions. In addition, a Beginners Forum and the IARU Satellite Meeting were held on Friday evening. The final session on Saturday was the AMSAT-NA General Meeting. Saturday evening started with "Thruster Firings" (Attitude Adjustments) and continued with the Banquet. The evening was "topped off" with featured speaker, Jim Benson, Pres. & CEO of SpaceDev, Inc. followed by AMSAT Award Presentations, and "wrapped up" with prize drawings. Sunday morning featured the AMSAT Field Operations Breakfast and tours to QUALCOMM Incorporated and SpaceDev, Inc. Sunday afternoon saw the start of the AMSAT Board of Directors Meeting, which continued into Sunday evening and ended Monday afternoon.

The twenty topics presented in the general sessions included ground station construction and operations, satellite construction, microwave techniques, orbital mechanics, educational projects, software, University involvement, Amateur Radio On-board the International Space Station (ARISS), and Phase 3D Update. With this wide range of topics, everyone found something of interest. I found the various reports from University projects, ARISS status, Phase 3D Update, and "InstantTune for the FT-847" by Anthony Monteiro, AA2TX, most interesting. Another paper I thoroughly enjoyed was "No-Tune Transceivers for the Microwave Bands" by Matjaz Vidmar, S53MV. An excellent compilation of these papers is available in the "Proceedings of the AMSAT-NA 17th Space Symposium, and AMSAT-NA Annual Meeting." This book is available from AMSAT and the ARRL.

Once again I came away full of new knowledge and enthusiasm. Next years meeting will be held in October 2000, in Portland, ME, so start your plans to attend and participate now.

A Trip "Down Under" -

While Amateur Radio Satellites rank at the top of my hobbies, I also like to devote some time to travel, private flying, and photography. This year I combined all of these into a three-week trip to Australia and New Zealand. Two of the three weeks were spent on the "Frontier Explorer" tour organized by the Great Outback Air Navigation Adventure (G.O.A.N.A.) group out of Brisbane, Australia (<http://www.goana.com.au>). This group organizes and conducts tours by self-flown Cessna 172 aircraft over various parts of Australia.

To start with we flew from Fort Worth, TX, to Sydney, Australia, by commercial air. My first encounter with satellites on this trip happened during the flight to Sydney when the first GPS End of Week Roll-over occurred about three hours out of Los Angeles. I was unable to observe it directly on my GPS but the effects were noted and corrected during my visit in Perth. I spent one night in Sydney, NSW, before flying on across the Australian Continent to Perth, WA, for a visit with my cousin. While in Perth, I visited the Australian Communications Authority office and picked up an Amateur Radio License, VK6BRB, for use on the rest of the trip. After an enjoyable two day visit with my cousin and his family and a tour of Perth and Fremantle, I left for Brisbane, QL, via Adelaide, SA, and the start of the "Frontier Explorer" air tour.

The first day was spent learning Australian Air Traffic Pro-

cedures and getting checked out in our aircraft, VH-SPU, a very clean Cessna 172. We also became familiar with our tour leader and the other members of our tour group. The group consisted of eight people, including the leader, and four aircraft. On the second day we departed Brisbane for a trip up the Coast to Great Keppel Island. On this leg we saw the only showers and overcast ceilings of the whole trip. After a tour around the Island by Catamaran for a half a day plus a number of other events we departed for the Interior.

The first inland stop was Avington Station in central Queensland where we saw native Australian wildlife, learned outback folklore, and witnessed a Sheep Shearing. From Avington Station we continued on to Longreach, QL, where we visited the Stockmen's Hall of Fame and the QANTAS Airlines Museum. Longreach is where the Queensland and Northern Territory Air Service (QANTAS) received its start many years ago. Enroute from Longreach to Mount Isa we "buzzed" the Walkabout Creek Hotel (from "Crocodile Dundee") in McKinley, QL. Between Mount Isa, QL, and Alice Springs, NT, we crossed over Utopia, an Aboriginal village and reservation.

While in Alice Springs, we attended a Didgeridoo Concert, visited the Royal Flying Doctor Service, learned about the School on the Air project, visited the original Overland Telegraph Station, saw the Alice Springs Amateur Radio Club Exhibit in one of the local museums, visited the Desert Park, and toured the country side. An interesting sidelight was learning about Alfred Traeger, "The Pedal Radio Man." Traeger was an Australian Amateur Radio Operator who invented the Pedal Radio that became the backbone of communications for the Royal Flying Doctor Service. He continued to produce an ever-improving line of radios for the Royal Flying Doctor Service throughout the remainder of his career until his death. Without the development of this HF Radio Network, the Royal Flying Doctor Service would not be able to carry out its mission to the remote communities and stations in the Australian Outback.

Next stop was the famous Ayers Rock. While here, we toured the area both by land and by air. Special viewings were set up for Sunset on Ayers Rock and Sunrise on The Olgas. These formations are impressive because of their size and their "remoteness."

From Ayers Rock we continued on to Coober Pedy, SA, for a visit to the Opal Mines and the city of underground living. First we visited the "unique" Coober Pedy Golf Course where the Greens are Black and grass is non-existent. We also learned about the rugged existence living in Coober Pedy and working in the mines. Nearly everything, including our Motel room, is underground to avoid the summer heat. Of course no Coober Pedy trip would be complete without buying a sample of Opal.

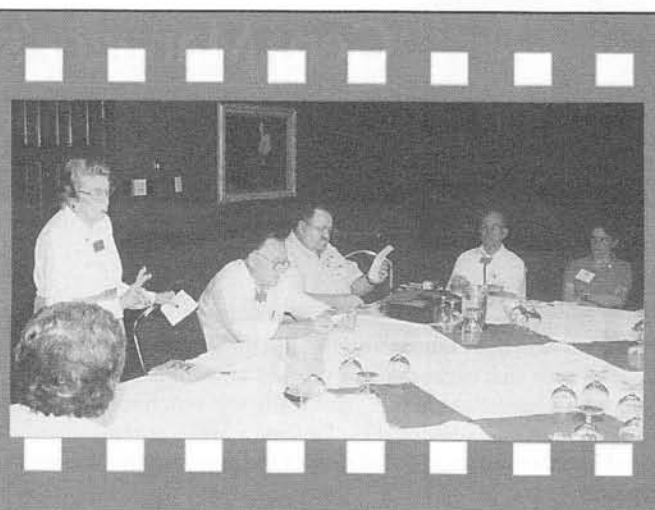
On to Broken Hill, NSW, for an overnight stop and a visit with my cousin's wife's Aunt. Broken Hill is another mining town. Here I encountered an Australian storekeeper that offered me a ride to another store to pick up some photographic film because he didn't have the type I wanted. This friendliness was typical throughout Australia.

After Broken Hill, we crossed the "Dingo Fence" and proceeded on to Haddon Rig, another Sheep Station. This Station is the home of the prize Merino Rams that are the Sires of the famous Merino Sheep. Haddon Rig also produces cattle and feed for both the sheep and cattle. While at Haddon Rig I also learned to

Continued on page 14



Steve Mendelsohn, W2ML, ARRL 1st VP (r) receives his speaking award from conference chairman Roger Volk KØGOB.



Blanche Randles W4GXZ, President of QCWW leads meeting on Saturday afternoon.

Down on earth, the forum by Pete Eaton, WB9FLW, outlined several narrow band digital communications techniques for HF. He and QCWA attendee Stan Stimson, N5WU, put on a live demo of the new PSK-31 protocol with the help of a laptop computer and a new K2 transceiver kit. It was copying CW signals that were not always detected by the human ear.

Are you frustrated by interference that you cannot locate? Then you should have attended the interference location techniques presented by Mike Musick, NØQBF. Mike has more equipment in his vehicle than should be permitted by law. In fact, he has been banned (by mutual agreement) from participating in local Fox Hunts as he is in a league all to himself. The good news is that he readily shares his knowledge with others to enhance their capabilities.

Moving from all of the state of the art forums above to a discussion/demonstration of audio techniques would be a let down unless the presenter was none other than Mr. Audio himself, Bob Heil, K9EID. Not only are Heil Sound microphones, preamps and headsets used by Amateurs around the world, but he produces equipment for the professional and entertainment industry as well. While we were having our attitude adjusted before the banquet, Bob took requests and played the organ to the delight of everyone.

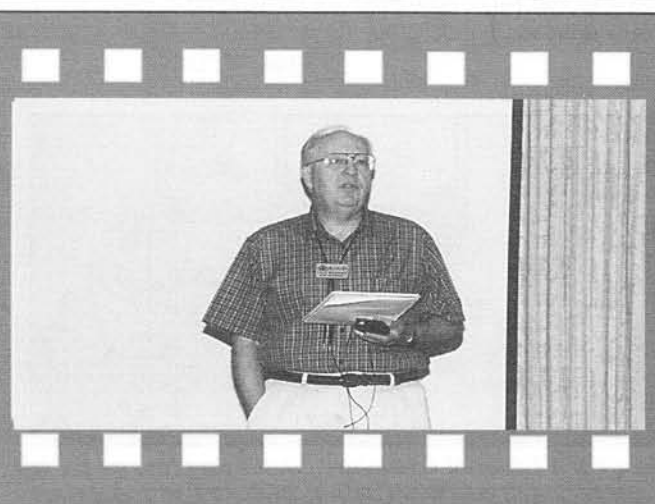
The WX was excellent during the entire time of the convention. The Friday tour stopped at the Arch where visitors could see some 80 miles in each direction. The evening mixer was held outdoors and attendees stayed and talked long after the hotel rolled up the paving. With 23 eating establishments within walking distance, many impromptu groups formed to make new friends and to share their experiences.

Oh yeah, during all of the festivities, the QCWA Officers and Board Members did meet to handle the business issues. Others, I'm sure, will cover that report.

Chapter 19 wishes to thank all who attended for making the convention successful. See you next year in Toronto.



Bob Heil K9EID (left) receives his speaking award from conference chairman Roger Volk KØGOB..



Secretary Chuck Walbridge K1IGD discusses BOD meeting topics.



Editor's Corner

You are about to read the last QCWA Journal ever to be published in this century. That statement sure sounds profound but it's simply a statement of fact. As we embark on the 21st Century, I think we can say that our final issue is a humdinger! The Journal is receiving a fair number of good articles and more little tidbits from the chapters that are of general interest to our readers.

Just as we were about to go to press, I found out our esteemed General Manager returned safely from his trip to New Guinea. Apparently he didn't get into a QCWA stew cooked up by the cannibals that are rumored to still inhabit the islands around New Guinea. He'll be around to receive the accolades for his book review of Hiram Percy Maxim. You can read it right next door on this page.

Don't miss the very fine article by National Director Alan J. Pickering, KJ9N on page 40. This is his second article to appear in the Journal and like the first, it's quite thought provoking.

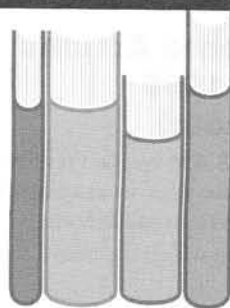
One of the thankless jobs in the QCWA organization is the Webmaster. He's the man who maintains the website, keeps the mayhem of the Internet under control and makes sure the members have simple access to headquarters and officials through their personal computers. The man is none other than Dan Copeland, NØDT. Dan has written a brief tutorial about some of the goodies he's planning for the website. Check it out on page 17.

There are many articles we hope you find interesting in this issue. Unless the computer explodes come January 1st, 2000, the Journal will meet you again in the spring - March of the new millennium.

QCWA HISTORICAL MATERIAL WANTED

It is important that we preserve any or all material pertaining to the history of the QCWA for posterity. If you have items to contribute to the historical record of the QCWA organization, please contact:

Historian Wesley Randles, W4COW
6002 N. Fremont
Tampa, FL 33604
Ph: 813-870-0867
e-mail: w4gxz4@juno.com



Book Review

- By Jim Walsh, W7LVN

Hiram Percy Maxim

By Alice Clink Schumaker

Published by Electric Radio Press

14643 County Road G

Cortez, CO 81321

Phone 970-564-9185

I first became aware of this book when I read about Ms Schumaker's writing in a recent issue of the University of Oregon Alumni news. Here was one of our alumni writing about the 'father' of amateur radio. Then Barry Wiseman, N6CSW, introduced me to an actual copy of the book. A rare experience for me, but I have read this book several times in the last few months and each time I feel an exhilaration. In fact this has given a great boost in my feelings for amateur radio, which had been steadily dropping down over the past few years.

Electric Radio Press picked up the publishing rights to this story of Hiram Percy Maxim and with much additional information gave back to the world a brand new book on his efforts on behalf of amateur radio.

This man had such a wide and varied interest in things about him. Automobiles, guns and silencers and amateur radio were all subjects of his very intense endeavors. Yet he was a father who was intense in his devotion to his children and his family. He probably won the first automobile race in the history of the U.S., with his work on a gasoline automobile.

He is credited with being the 'father' of amateur radio and it is truly so, for in January of 1930 he spoke before the Interstate Commerce Commission and thus began what we now know as Amateur Radio. It was his almost evangelistic attitude which prevailed and for that, all of us should offer thanks.

As the first President of ARRL he voiced an opinion against many things from very poor operating practices to some bickering that took place in the hobby. The struggle that Maxim faced in those early days has some similarities with the struggle that is taking place in this time of our lives with regard to the existence of our hobby.

I wish that this could be a mandatory manual for all new amateur operators to read or at least to hear about and create a more responsible attitude for this hobby. Get a copy and add to your library of valuable books that should be in everyone's possession.

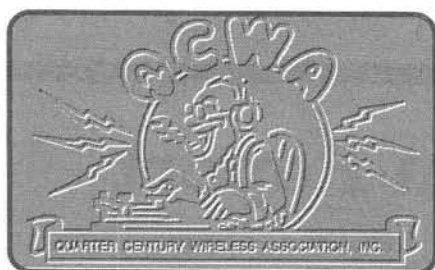
Interesting Fact

Why is Bill Lawrence KB6QAQ of QCWA Chapter 191, Monterey Bay fond of getting hives?

Because Bill is an expert on *Apis mellifera*, known to most of us as bees.

You know, those things that sting and sometimes get in your bonnet. They also produce a delicacy called honey. He was the featured speaker at a recent chapter 191 breakfast and served up honey for the breakfast toast. I'll bet his list of "honey-do's" reads much differently than most of ours.





The Quarter Century Wireless Association

The Quarter Century Wireless Association, Inc. was founded December 5, 1947, as a noncommercial association of radio amateurs organized for the promotion of interest in Amateur Radio communication and experimentation, for the establishment and advancement of the radio art and of the public welfare.

QCWA is an incorporated association without capital stock chartered under the laws of the State of New York, and is a tax exempt 501(C)3 organization under the Internal Revenue Code of 1986.

Its affairs are governed by a President, Vice President, Secretary, Treasurer and a Board of Directors, whose voting members are elected every two years by the general membership.

In order to qualify for membership in QCWA one must have demonstrable proof of having been first licensed as an Amateur Radio operator at least 25 years prior to application for membership and must be currently licensed.

Membership inquiries and general correspondence should be addressed to the business office at 159 E. 16th Ave., Eugene, OR 97401-4017 USA. Telephone, 541-683-0987. Fax/BBS, 541-683-4181.

From the President

Gary R. Harrison, KØBC



I received a letter containing the Spring QSO Party logs for W2SD recently. Ken Palmer, K2FJ participated in the QSO Party by operating the Chapter 65 club station. Ken was very disappointed that his entry was not listed as one of the high placing scores. I checked into this for Ken and found that the log tellers never received his entry. I am sure that Ken worked quite hard and did score very high, but missed out when the paper work did not get to the tellers. W2SD was one of the few stations that I worked during the Party. I appreciated the W2SD QSL card and remember Ken's signal as being the strongest on the band while I was operating. Again I am sorry that this happened and hope that Ken scores well during the Fall QSO Party.

I am writing this after getting home from the QCWA Convention in St. Louis. This was the cumulative effort of many hours of planning and hard work that resulted in a nice time for those attending. The forums were entertaining as well as informative. Carolyn and I enjoyed visiting with friends. A big well done and thanks to Chapter 19!

While on the road home I attempted to check into the Sunday 20 meter net from my mobile. I found that the net did not have a net control station. It seems that most of the usual net control operators were on the road home from the Convention! I want to thank Ron Parham, K2SST, for operating as net control. I hope that I have that correct, as logging while driving at 70 miles an hour is not a good idea particularly with the amount of vehicle traffic on Interstate 44.

During the net operation I had the opportunity to talk to Robert Baird, W9NN. As Robert is one of the founding members of QCWA it seemed appropriate to mention the Convention planners had the attendees sign a card to be mailed to the founding members that were unable to attend. It is also interesting to note that meant member number 24266 (KØBC) was talking to member number 52 (W9NN). In the fifty-two years since the founders started our Association we have issued more than 30,000 member numbers.

The QCWA Board and Officers will be participating in a new (to the Board) email service. This is the QCWA list that is on the Internet. This will mean much faster input from the members as well as group discussions. This functions as an address nickname would for your email software. Anyone that subscribes to the list will be able to send a single message to the list and all of the others will receive that message. If you have email service please read the article by Dan Copeland, NØDT in this Journal. This is very easy to sign up and use. This will allow discussions with all of the members that subscribe. If you want to send a private message to any of the Board you still can use the address shown on page 2 of this Journal. If possible you should also check the QCWA home page as it has had a recent face-lift. Please answer the survey while you are there.

Just me and the guys, er, Officers and Board of Directors hangin' around. Notice that the officers get to sit down.



"K4LMB" Callsign is Assigned to YLRL

-by Jim Wilcox W3WV

Ethel Smith, K4LMB, (SK) indeed was a most-loved member of QCWA. She did so very much for Amateur radio that it would be impossible to put value on it. More importantly, though, she was an exceptional human being and an extraordinary friend.

One benefit Ethel brought to Ham radio is the Young Ladies' Radio League (YLRL). It was her letter published in QST in 1939, and her subsequent drive and leadership, that resulted in the founding of YLRL. Because Ethel indeed was the "founding mother" of YLRL, it is fitting that YLRL now holds Ethel's call, K4LMB, as their club call. Check out the YLRL web site at <<http://www.qsl.net/~ylrl/>>.

Ethel also was one of the driving forces in the founding of Vic Clark Chapter 91's widely popular Sunday morning VHF net, which celebrated its "ninth birthday" on 16 September. YLRL granted permission to Chapter 91 to use "K4LMB" as the net call for this birthday net. We were even further honored in that YLRL had not yet used the call, so Chapter 91 was the first to put "K4LMB," the call of our (arguably) favorite member, back on the air. NC for this net was Jim, W3WV, who founded the net and was sole NC for many years.

We very much thank YLRL, especially Nancy Rabel Hall, KC4IYD, the YLRL President, for the privilege of using "K4LMB." And Ethel, thanks so much for the difference you made in the world; we can't repay you enough.

Important Financial Correction

In William N. Goodman's article, "Pay No Income Tax when Selling Your Investments at a Profit", page 7 Fall Issue - In the first paragraph, the 4th sentence should read, "Would you like to avoid paying Federal estate tax (from 37% to 55%) and state inheritance tax on the proceeds?"



Advisory

QCWA members are advised to use caution in the following areas to ensure they adhere to the law.

- ✓ In Pennsylvania (1) one may not catch a fish with your hands and (2) one may not catch a fish by any body part except the mouth.
- ✓ In Arizona hunting camels is prohibited.
- ✓ In Portland Oregon one cannot wear roller skates in restrooms.
- ✓ In Maryland it's illegal to take a lion to the movies.
- ✓ In Austin Texas wire cutters can not be carried in your pocket. In San Antonio, it is illegal to urinate on the Alamo.
- ✓ In Toledo Ohio throwing a snake at anyone is illegal and in Youngstown, riding on the roof of a taxicab is not allowed.

QCWA ON LINE

By Dan Copeland NØDT

Hello and welcome to my first installment in the QCWA Journal. My name is Dan Copeland NØDT and I have been the QCWA Webmaster for the last 2 years. If you have not visited the site lately, you should do so. The address is <http://www.qcwa.org> I have been working on it and have given it a face lift. We plan to start adding more information in the near future. We are putting a small survey on line to get the members' views on some things.

We have started an Internet e-mail list for the QCWA. This is a great way to feel like a part of a community. It is a lot like talking over the fence with your neighbor, or have that long rag chew with the gang on 20 meters, except you don't have to be there all the time to join in. It is a great way to have any questions answered or just to float ideas.

To join the list is very simple. Go to <http://www.qth.net> and select QCWA from the list. Enter your e-mail address and click on subscribe. Please do not use any e-mail address that is forwarded like the ***@arrl.net. This is the kind of address that people use to send SPAM or unsolicited e-mail telling you how to get rich quick. The owner of the server is doing everything he can to prevent this from happening and he is doing a very good job. You will receive a message asking if this is what you want to do. Send back the reply the way it instructs you to and you then will receive an intro message. That's all there is to it. You will then receive every message that is sent to the list. The intro message will tell you how to submit messages to the list.

Al Walker K3TKJ provides the server at no cost to QCWA. He provides some very fine services for the Amateur Radio community.

If you have any problems just send me a message at n0dt@dcopeland.com and I will try and help you out.

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POSTMASTER: Please send change of address to QCWA, Inc., 159 E. 16th Ave., Eugene, OR 97401-4017.

*Welcome
to
The New
Millennium
2000*



friends were advised simply to enjoy the gathering.

A moment of silence was observed in memory of silent keys KD2AE, Hartley Bowen Jr., W3FZO, Carl Baddorf, and W3AFC, Bob Eubank, whose passing was in November 1998 and was recently brought to our attention.

George VanDyke, W3HK, was presented with a 65 year certificate.

Speaker of the afternoon was Mary Ann Isaacs of Inter Faith Caregivers of Greater Trenton, who graciously filled in for the announced speaker, who cancelled because of a personal crisis. She spoke about the warmth and satisfaction of both giving and receiving of care, visiting the housebound, grocery shopping and small needed chores. They are looking for volunteers, but also looking for people in need of their services. She spoke about their applications, which are two-sided. One side asks what you can do and the other asks what do you need? She later called to ask if there was anyone in the group who would like to coach a group of 15-year-olds interested in Amateur Radio.

Joe Strockbine, W2KCO, of the Marconi Chapter 138 read a lengthy e-mail from Gioia Marconi Braga (Marconi's daughter) about the history and 100 year anniversary of wireless in America and the events being held to commemorate it.

The meeting was closed at 2:30 pm, 29 having been present.

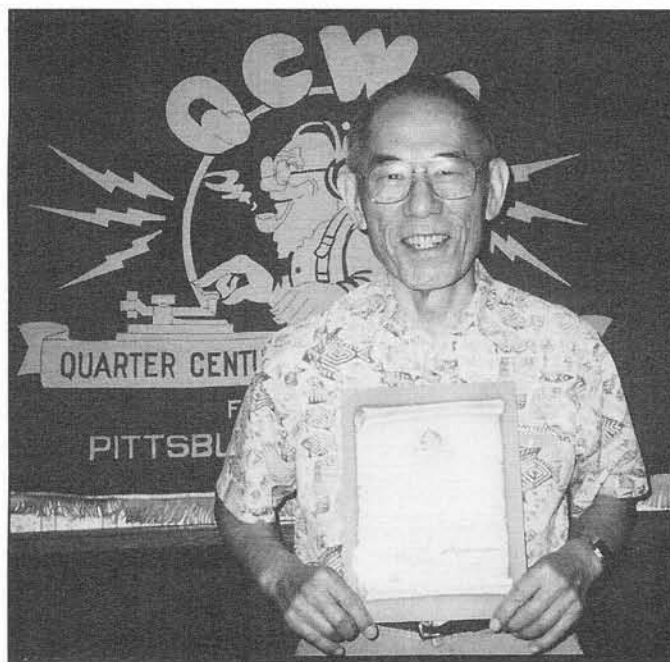
Florence Power WA2WYE

Chapter 6, Pittsburgh

In the absence of Chapter 6 president, Jack, W3OTY, the usual early bird pre-meeting and greeting was interrupted by W3SVJ for the official meeting. Nate read a letter from Jack and Ann to the members regarding his recent illness. They are happy to report that Jack's recovery from heart bypass surgery is coming along better than expected and they hope to be with us at the next (October 31st) chapter meeting. A brief report followed on Chapter business. Roll call showed 21 members and guests in attendance for the August 1st meeting.

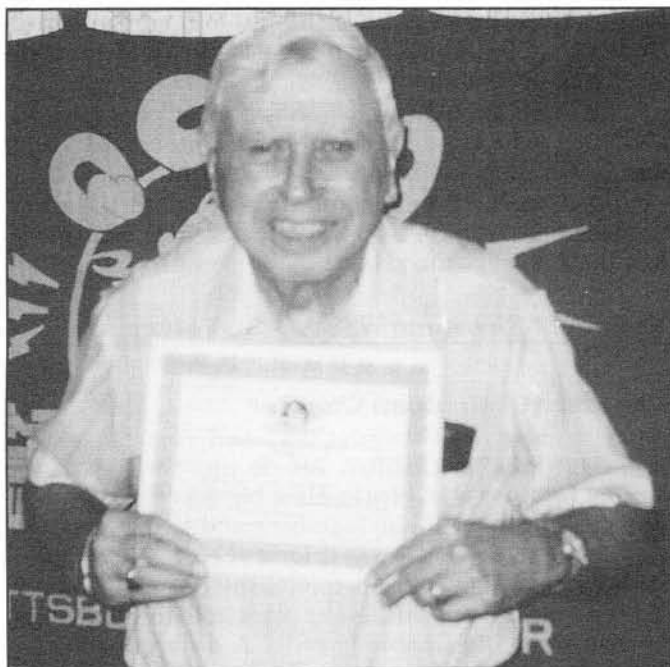
A moment of silence in memory of friends no longer with us especially our most recent loss, W3JAV, Bud (Howard) Hunter who became a silent key in June of this year. Bud was first licensed in 1934 and would have been 90 years old in September of 1999. He was a life member of QCWA and one of the most senior members of our Chapter.

The meeting was put on hold and continued after an excellent buffet brunch. Presentation of the annual "Chapter Special Certificate" to George Kitazawa, NS3O for his ten years of service to the chapter in publishing the news letter, "The Pittsburgh Wireless". George gave a bit of history of his tenure as editor/publisher and graciously acknowledged others members that helped through out those years, most recently, Seth Ward, KC3YE.



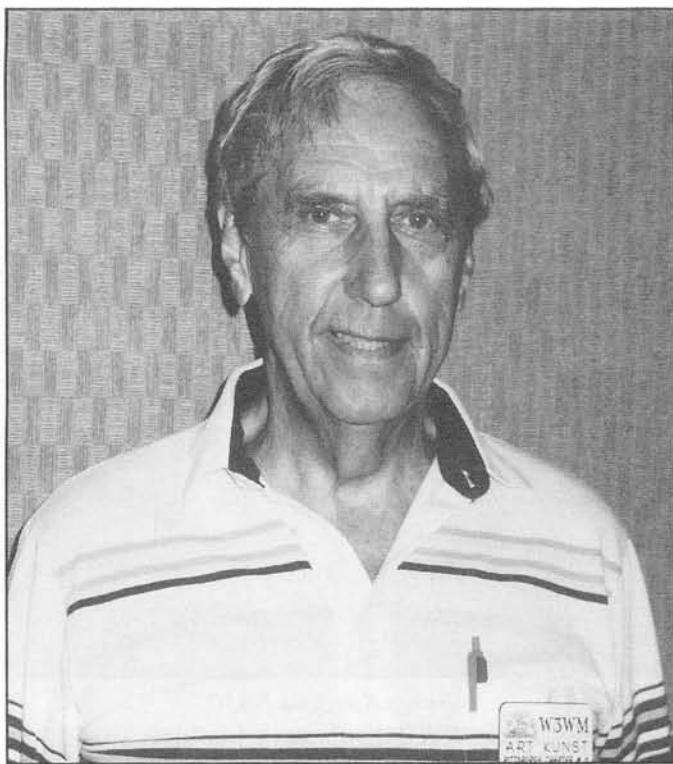
George Kitazawa NS3O

Ernie Baur W3UHP, displays his high score, 2nd place certificate in the QCWA Spring 99 QSO Party. Ernie encouraged the members to "get on board" in the next QSO party. Roy W3TZW, George NS3O and Nate W3SVJ were also listed in the "QSO party results" of the summer QCWA Journal as Chapter 6 participants.



Ernie Baur W3UHP

Art Kunst W3WM, gave a talk on his recent travels to Greenland, Iceland and the Faroe Islands. Art and xyl Sylbia have some excellent travel arrangements that allow them to take trips to unusual and exotic places. We are pleased when they bring back reports to the Chapter of their adventures. Art explained how easy



Art Kunst W3WM

and quick it is to get a ham license in foreign countries now that the ULS is in place. He showed us an "instant" license that the official on Faroe had made up for him. If he had a radio with him, his short visit precluded that, he would have been OY/W3WM immediately and on the air.

We thank W3TZW and W3SVJ for the photographs. The next scheduled meeting is for October 31, 1999 which will probably be prior to this printing.

For Chapter 6 information please contact Nathan S. Firestone W3SVJ, Secretary. Phone - 412-421-4658 or e-mail: w3svj@juno.com

Nathan S. Firestone W3SVJ - Secretary

Chapter 10 Michigan Chapter

The date was August 18, and the place was Kenwood Park in Cadillac, MI. It was the day of the annual Chapter #10 picnic. How big was the crowd? It was pitifully small; four members and two guests.

The State ARRL Convention to be held in September was cancelled, so that took away our chance for a member meeting in a different place at a different time. Is that what the Chapter needs? A different location for the annual meeting, or perhaps a different time of the year? What would make you, the unheard from member, want to come and be a participating member? I need to hear from YOU!! I can be reached on the air on the Chapter net, 3.903 MHz at 8 AM nearly every Sunday. Check in and give us your comments and suggestions. If you wish to do it more privately, drop your comments and suggestions in the mail to: PO Box

2220, Frankfort, MI 49635-2220. A place I can be found on the air most weekdays is the MACS net on 3.953 MHz at 11AM.

I hope you all will come up with comments and suggestions to aid us in knowing what it is YOU want from your membership in QCWA Chapter # 10. Without feedback it is hard to know what is expected. Please provide some feedback!

Beverley Stoner - Secretary

Chapter 14, San Diego

San Diego Chapter 14 met for the Fall brunch meeting on Sunday September 26th. Besides the excellent food and good fellowship, we were entertained and enlightened by a representative of the San Diego Zoological Society. Our program guest showed us slides of the recently added attraction, "The Ituri Forest" as well as slides of the African Ituri Forest. Future expansion plans were also illustrated and discussed.

CENTURY AWARD At this meeting we were pleased to present the QCWA Century Award to one of our members, Joseph Saugier, K6CD. Joseph, a life member, joined QCWA May 1, 1975. Congratulations, Joe!



Presentation of the Century Award. From left, Pat Bunsold WA6MHZ, President Chapter 14 and Joseph Saugier K6CD.



Chapter 14 officers for the coming year from left: Reuben Onstad N6BAS - Secretary, Pat Bunsold WA6MHZ - President, Jack Pletcher W6JIR - Treasurer and Program Chairman.

SILENT KEY We regret the death of Edward W. Barrus, Jr, W6GPS. in July 1999. We wish to express condolences to the Barrus family.

Chapter 14 Officers for the coming year are Pat Bunsold, WA6MHZ, President, Jack Pletcher, WJIR, Treasurer and Program Chairman, and Reuben Onstad, N6BAS, Secretary.

Reuben Onstad N6BAS - Secretary.

Chapter 16, Arizona

39 members and guests attended the July 31st meeting held at the Landmark Restaurant in Mesa. After a short attitude adjustment period the invocation was given by Ken Hopper, KD7KH and lunch was served. After lunch, President Tom Worthy, W7YW announced that Fred Jones, KC5AC had qualified for his 50-year service award and it would be mailed to him. Tom then introduced Clem Chase, W7JGU (he really needs no introduction) who presented a slide program on his trip to Tierra del Fuego.

Tierra del Fuego is an island at the Southern tip of South America. It lies partly in both Chile and Argentina and is also known as Patagonia. Clem's trip took place in January of this year which is the middle of Summer in South America. In spite of it being Summer there isn't much swimming in Tierra del Fuego since the average water temperature is 4 degrees C. (about 39 degrees F.). Clem also visited the city of Ushuaia (ask Clem for the pronunciation) located in Argentina and is the Southern most city in the world. The pictures were beautiful and the program was thoroughly enjoyed by all. Prizes were drawn and the meeting came to a close at about 2:00 PM.

Gerry Higgins W7ES - Secretary

Chapter 21, Canton, Ohio

The regular quarterly meeting of QCWA, Chapter 21, Canton, Ohio was held August 21, 1999, following luncheon at Das Dutch Kitchen, Dalton, Ohio. Following lunch, president Phil Gizzi W8IIV presided for a business meeting. There were 36 members and guests present.



Myrhl Lemley W8MND (left) receives the 65-year certificate from Phil Gizzi W8IIV, president (right). Photo by Ed Clinger WA8DRT.

President Gizzi presented the 70-year anniversary certificate to Ralph Schoener W8TPS and the 50-year anniversary certificate to Myron Kiefaber W8BML. Jack Fisher W8MZV was recognized as he is eligible for the 65-year anniversary certificate.



Jack Fisher W8MZV (left) to be awarded a 65-year certificate. Ralph Schoener W8TPS (center) receives the 70-year certificate from Phil Gizzi W8IIV, president (right)

Photo by Ed Clinger WA8DRT.

Vice president Nelson Caley W8EAR introduced the speaker, Mr. Tom Pieper, for the program. Mr. Pieper discussed the history of Fort Laurens near Bolivar, in Tuscarawas County, Ohio. Its history begins during the Revolutionary War and is the only fort of that era in Ohio. Members of the Friends of Fort Laurens are working toward further preservation and reconstruction of the site. Some excavation has been done over the years, and a museum houses many artifacts from the fort site.

Door prizes were awarded.

Ralph Schoener W8TPS is QCWA #3226, and is a charter member of Chapter 21. He was first licensed in 1929 as W8BPM and became W8TPS in 1937. He joined QCWA in 1962. His first equipment included a 210 Hartley oscillator to a Zepp antenna and a two-tube regenerative receiver. His current rig is a TS930S, and he operates on CW. His father was W8BZB with whom Ralph was the second operator. His son is Bill Schoener K8ZBY. Ralph was employed by Republic Steel in Massillon, Ohio.

On June 2nd, 1999, Chapter 21 officers visited Myrhl Lemley W8MND to present the QCWA 65th Anniversary Award to him. Myrhl, QCWA #3305, is a charter member of Chapter 21. He was first licensed in 1934 and joined QCWA in 1962. He showed off his RCA SC88 receiver. He uses a Ten-Tec Omni VI and an HTX-242. His HF multi-band quad towers over the shack. Myrhl is retired from The Timken Company, and he proudly displays awards for his developments there.

Jack Fisher W8MZV is QCWA #19024. He was first licensed in 1934 and joined QCWA in 1985. His award will be secured and presented at a later time.

Congratulations to these veteran operators.

David Glass W8UKQ - Secretary

Chapter Reports

Chapter 29, Finger Lakes

The following report was submitted from Chapter 29 in time to be published in the Fall Journal, but somehow it became lost in the mail system. For your interest, the following is a copy of the submission.

A lot of water has gone over the dam since our last input in the Fall '98 issue. The new club call KC2DFT soon became W2PPS, the call of one of our chapter founders, "Doc" Fred Kaffer, W2PPS. The report re Jim McHerron K2ZI having cancer treatments in Arizona unfortunately still applies - he was due to come home in June but the very day he was to leave, he had a setback and is back in the hospital.

The huge Labor Day Storm that centered itself in our part of the state did considerable damage to trees, homes, and antennas - most of which have been repaired. NY2V reports that city tree #12000 (that's the count from one of four major tree companies in Syracuse alone) was removed from his property the day this was written, almost 8 months after the storm took out every tree on his property. He was not alone in this predicament, and some of our group are still perfecting new or modified antenna systems. FCC WT Docket 98-143 has come and gone, with no action on it by the FCC that we know of at this time. All of us hope the changes are not too radical, and a number of members sent in substantive Comments and Replies to Comments.

We have had meetings at virtually all our luncheons, the latter still being held the last Friday of each month at Weber's, corner of Danforth and 1st North Street in Syracuse. At least a half dozen new chapter members have resulted from recruitment by members and by the Chapter 29 officers who host the QCWA table at the Rochester Hamfest and Atlantic Division Convention each June. The one this June again saw Harry Dannals W2HD with us until time to be evicted from

the Dome Arena, and we are sad to hear Harry say this is his last year on the hamfest circuit, with an eye to protecting his health. We wish him well and will miss his presence at Rochester.

This year we were also honored to have Croft Taylor VE3CT, the Vice President of QCWA, with us at the QCWA table for almost half of the two half days and one full day we were there. Croft, along with George Roach VE3BNO, Convention Director for QCWA, honored us with their presence at our luncheon June 25th, just prior to writing this. The 2000 convention in Toronto will be right in our back yard, so to speak, although the yard is full of Lake Ontario, biggest swimming pool in the Northeast. We do hope many of our chapter members can attend, the site being only a few hours' drive from Syracuse and Rochester.

With no chapter in Rochester, many of our Finger Lakes Chapter members are joining from the Rochester area, even though attending the meetings is not convenient. The possibility of Saturday brunches is still under consideration. This conceivably could open up meetings to hundreds of QCWA-eligible hams in the Syracuse area alone, and even more from the surrounding territory, particularly Rochester which has a particular large ham population.

We have had several speakers, two talking to us about computing, the Y2K issue, and other matters of concern. Jim W2BCH of our chapter has given us talks on the subject of calculating RF safety parameters so as to satisfy the new FCC regulations, and also on the subject of the effects of ionizing radiation on the human body, a topic on which he is a well-known expert. We continue to try getting representatives of local weather and cable television services to our meetings.

In the long time since our last report, we have had but one Silent Key, Bill Purdy W2LFJ, who had undergone major bypass surgery three years ago. We will miss him very much. We also note the death of former chapter member W2ROO, who has lived in Florida for many years. Bob always had a glint in his eye, a big smile, and lots of stories, and he too will be greatly missed. Bob made short trips north each summer and never failed to drop in on a chapter luncheon.

We welcome back our snowbirds this summer, particularly Charlie W2AK and xyl Betty, along with Cuz W2BJI (and at least three foreign calls) and xyl Frisky J37ZQ. The latter have been wintering on Grenada and at other exotic locations for more than a quarter century now, always keeping in touch with us on 20M and 15M. It is always nice to have these hams back so we can reminisce about the old ham radio and radio broadcasting days and hear about their latest travel adventures.

The chapter's next major adventure will be the election of officers, due this coming October/November, and replacing NY2V as newsletter editor. Fred is currently focusing on writing NTS Traffic Training Programs and just announced his resignation as editor. Until next time....

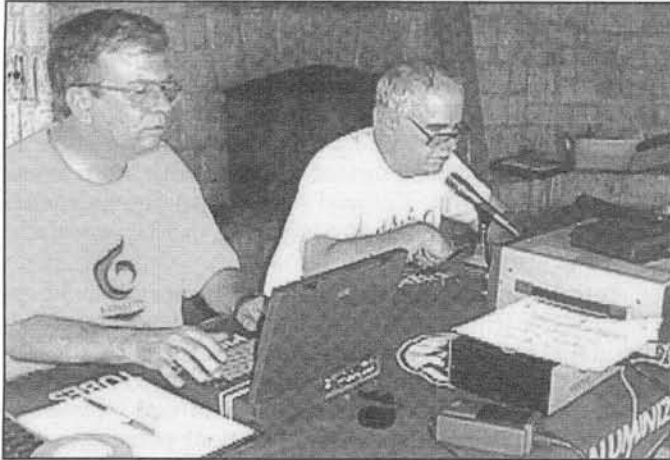
Ed WB2MWW - Secretary



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Chapter 35, Greater Kansas City

The Kansas City Chapter of QCWA welcomes the summer with all the usual activity. The May Banquet was well attended with about 50 members and guests. Field Day found QCWA members assisting the area clubs. The weekly QCWA luncheons continue to be well attended with 15 to 20 attendees. The Thursday night



QCWA member Dennis Crawford NØUYN and Mike Bellinger KØUAA support ARRL Annual Field Day operating from the local park. (Photo from printed copy)

QCWA net operating on 146.97 at 2030 now has Dennis Crawford NØUYN acting as part time Net Control and would you believe it, we picked up a new member or two within all this activity. Wilbur Goll WØDEL QCWA President is half way through the 1999 year. QCWA is well in Greater Kansas City Chapter.

Cass Cassing WØGJG - Publicity

Chapter 41, Dallas

Due to an untimely security breach, chapter president Val Erwin W5PUT, Bert Wells W5JNK, Secretary-Treasurer, and directors Hal Bond K5ZSB, Bill Thornan W5JBD, and Richard Bauer K5RB, accompanied by their wives cut short their chapter-sponsored fact-finding trip to Paris, France. They flew directly to Eugene, Oregon to explain to Headquarters officials that reports of a planned coup d'etat by Chapter 41, code named "Operation QC-Y2-WA" and reportedly scheduled for 01/01/00, was all a "misunderstanding." President Erwin issued a press release stating, "I have no knowledge of a coup d'etat as relates to my understanding of coup d'etat in the legal context if such an event is consensually restricted to the confines of the geographical limitations of Eugene, Oregon depending upon the definition of "is". The flap was reportedly precipitated by comments made by chapter member Luther Pully W5JIZ, in a tête-a-tête with a hostess in Barnacle Bill's, a waterfront bar in Portland popular with the stevedoring set, according to Headquarters officials who reported that Pully, under intensive questioning, admitted to having been dispatched to the area from Dallas to direct take-over operations at Eugene. While admit-

ting to his participation in the aborted plan, Pully denied any knowledge of having tête-à-tête'd a hostess adding that he didn't really want to live in Oregon anyway.

It is with regret that the chapter notes that after many years of faithfully checking in, Ernie Burch W5CAE, will no longer be heard on the Chapter 41 Early Sunday Morning Net due to relocation to a nursing home. Our thoughts and well wishes are with him. Oscar Hoyt K5UBS, is frequently confused with Oscar De La Hoya by autograph seekers. Jerry Murray W5KUP, has been deemed the chapter's "All Round Nice Person" for the good deeds he performs for the elderly. George Aldredge KF5KB, Barney Moffatt W5CJZ, and Bob Olney N5NT, continue their long association with North Texas Radio & Taping for the Blind taping school textbooks for visually impaired and dyslexic students. Bill Chapman W5YJB, former president, and preeminent financial manager, has been approached by the chapter to take over management of its extensive financial holdings. Roy Costolow W5ZOZ, livens the mornings for some shut-ins with ragchews on 40-meter ssb. Chapter members as well as many other hams enjoyed the annual weekend outing offered by the Hamarama hamfest at beautiful Lake Texoma in Kingston, Oklahoma in October. Newest chapter members are John Smith KC5PFC, and Bob Nauman N5NJ. ARRL West Gulf Division Director Jim Haynie W5JBP, maintains a strenuous weekend travelling schedule to hamfests, conventions, and clubs keeping hams informed of the latest breaking developments and information from the ARRL and the FCC while running his own metals company during the week.

The chapter's website, <http://users.ticnet.com/qcwa>, established by Sec/Treas Bert Wells W5JNK, is now in operation.

Bob Olney N5NT - Recording Secretary

Chapter 45, Citrus

With more than half of the hurricane season over Central Florida has been very fortunate not to have a major storm come ashore. Two storms, Dennis and Floyd, have been a major concern and, particularly Floyd, triggered major evacuations of our coastal areas. There was some damage from tropical storm force winds and flooding from heavy rains, but the main part of the storms moved north about 100 miles off the coast. All relief agencies, including Amateur Radio, will have a chance to review their operations under actual emergency conditions.

Citrus Chapter has been looking for a new meeting place for about a year. Restaurants that have meeting rooms available are few and far between. Those that have rooms available have proved, in general to be too noisy to conduct Chapter business or present a program. The one restaurant in the area that had facilities we considered suitable was reserved for lunch on the third Saturday of the month, our traditional meeting time. It was decided to try to changing our

Chapter Reports

meeting from the third Saturday to the available third Wednesday. This has proved to be successful and we will be meeting at noon on the third Wednesday of the month for the remainder of the year.

The FCC has come up with a modification of the licensing system called "Universal Licensing System" or ULS. If you have access to the Internet, ULS will be found at the address <http://wtbwww05.fcc.gov> or the ULS homepage at <http://www.fcc.gov/wtb/uls>. Even if your license is not due for action in the near future, all hams are urged, if possible, to get on the Internet and register.

The Chapter has a repeater, W4PLA, on 147.195mhz. The Chapter net is every Tuesday at 1930 hours local time. With the winter season coming "snow-birds" will be drifting south. We look forward to greeting you, and if you would like to join us for one of our meetings, check into the net to get the necessary directions. Good food and warm fellowship.

Paul A. Turner W1DLP - Secretary

Chapter 49, Peach State

Our Summer meeting was held on June 12 at Ryans Steak House on Jimmy Carter Blvd. in Norcross. President Frankie Womack, W4BJT, called the meeting to order at 1PM and welcomed all. Present were 5 members and 3 "Friends", some doing double duty as spouses. We had two door prize drawings: A calendar won by Florence Montgomery N4TNZ and a book won by Mike K4HBI. The book was donated for the drawing by our friends Ray and Kathleen of the RoseWood Company. Thanks from Chapter 49. The executive committee will be working on needed revision of the by-laws before the next meeting in September and also reminds members to be thinking of nominations for new officers as this is an election year, the election to be held at the December meeting.

VP Mike Swiderski asked each of us at the meeting give a short talk about a subject of our choice as the program. Most chose to give their personal histories in ham radio and radio related subjects. The anecdotes were enjoyed by all.

Welcome to our newest Chapter 49 member Terry Cantrell W4WTC. Terry works for Anritsu and he and wife Linda live in Lilburn where he's also active with the GARS club. Terry was first licensed in 1962 and has been a QCWA member for several years. Now a Chapter 49er after some urging by K4HBI, he has been joining us on the nets lately.

Bob K4SZ and Lawson AE4GQ manned a QCWA booth at both the Kennebec and Atlanta hamfests where we eyeballed a lot of Chapter 49 members, many for the first time and handed out national and local membership forms along with answering questions about QCWA and Chapter 49. Both times space was shared with SVHFS, the Southeastern VHF Society where we were publicizing the annual technical conference.

Mike K4HBI, XYL Susan AF4FO and many other Chapter 49ers participated in Field Day with the GARS club operating W4GR class 8A at Rhodes-Jordan Park in Lawrenceville. Special mention must be made of the GARS groups' reputation for their good food at club events. The "menu" included Deli sandwiches, pasta salads, 14 deep fried turkeys, green bean casseroles, shrimp beignets, seafood gumbo over rice, breakfast casseroles, fruits and many many deserts. This contributes to the continuing "growth" ("girth") of some members! Duane K4PTT and Bob K4SZ operated Field Day using the W4QQ (see Summer Journal 49 report) club call for the first time. We operated 2D in style at the fantastic W4AN contest station with help from W4AN and W4RLW. Enjoyed stopping to ragchew with some other QCWA folks participating in FD, especially the N7QC club group from Nevada.

Our Fall meeting was held on September 11 at Ryans Steak House on Jimmy Carter Blvd. in Norcross. President Frankie Womack, W4BJT, called the meeting to order at 1PM and welcomed all. Present were 8 members, 5 "Friends", one spouse and two guests including our program speaker. The door prize drawing was won by Florence Montgomery N4TNZ, a copy of the book "Keys, Keys, Keys" by Dave Ingram.

The usual club business was conducted, minutes, treasurers report, etc. The next meeting is scheduled for December 4, 1999 at Ryans. This will be our annual Christmas Party with the traditional gift swap and also the bi-annual election of officers and directors. Nominations thus far are Mike K4HBI for president, Wayne W9BKJ for VP and Bob K4SZ to continue as Sec/Treas. Frankie W4BJT is nominated for the board of directors.

The results of the QCWA QSO party were discussed with congrats to K4HBI and K4PTT for operating and making the list in the Journal. The by-laws revision will be continued until the next meeting when the committee will have some changes to be voted on.

Our guest speaker for the meeting was Tom Harrell N4XP (ex K8XP) who gave us a wonderful slide show and commentary about the ZK1XXP DXpedition to Penrhyn Atoll in the North Cook Islands. The DXpedition was Sept. 20-27, 1997. The operators were K8XP, N4RF, N7RO, KI6AN, WA4YBV, N6MZ, ZS8IR and their host ZK1WL. Tom told us about all the advance planning and logistics required and the problems and operations of a major DXpedition to the South Pacific resulting in 15000+ QSO's. Info for those interested is posted at <http://www.arumtel.com/cook.html> Thanks, Tom.

It is with sadness that we report the passing of our member John Thomas NR4N earlier this year. John was retired from BellSouth and was active in QRP and contests. A donation to the QCWA scholarship fund has been made in his memory.

Bob Lear K4SZ - Secretary/Treasurer k4sz@arrl.net

Chapter 51, Tex-La Golden Triangle

This quarter all of our meetings were held at Dorothy's Front Porch Seafood Restaurant with from 24 to 38 members and guests present.

Our speaker for July was Nancy Thompson, a nurse and medical social worker who told us about her work as a counselor. Our August speaker was Bill Shaw, a Private Investigator specializing in missing children.

This quarter the following amateurs were presented with QCWA Service Awards: Bill Prechtel, W3KO - 55 years, Leon Purkey, W9OTZ - 55 years, Elmer Huffines, W5HRU - 60 years, Arthur Kay, W5APX - 70 years, Al Long, W5EKE - 70 years and Charlie Poston, W5MOO - 70 years.



Norman Helms, N5SAC proudly shows the Meritorious Service Award that Dee Dikes, WA5BEU has just given him.

Al Long, WEKE, Gus Guillot, W5HHB and Opal Kay, N4SML received Century Club awards.

Norman Helms, K5SAC, was honored with The QCWA Meritorious Award to Norman Helms for his devoted service to QCWA Chapter 51.

Dub George W5DUB - Bulletin Editor

Chapter 63, Central Oklahoma

The PRESIDENT BRAD AC5CQ called the meeting to order at 1240. Then self-indications went around by the people who were in attendance.

Norm W5FLO, the Secretary/Treasurer gave a report on the finances of the Chapter 63. These were accepted as presented.

Our guest speaker was Coy Day, the Vice-Director of the West Gulf Division of ARRL. Coy gave us a run down on what is going on within ARRL and why. There are going to be changes in how decisions are made and carried out.

Next came the main event of the day. As most of you know, Gene—King5Dirty Little Ernie (DLE) won the QCWA National contest for resurrecting for 1998.

Well, Gene—WA5CNT who got Gene's daughter involved and they were able to steal the Jacket back, (the Jacket that was given to Gene last year). He had added the year 1998 to the back. This was presented to Gene. From there it only got better.

YOU GOT IT. GENE WAS ROASTED. First, there was Louis-KC5ECQ, Regnia-KK5FX, Jerry-W5KP, Ted-AA5CK and Norm-W5FLO. Each in turn brought up things that Gene had long ago had forgotten (Hope that others had also). In my case, as I wasn't around Gene during some of the years that were covered, I went to the Sheriff Department and they assigned a couple of detectives to check things out for me. I received 6 written reports, which I used three of them at the Roasting. (saving the other for a later date)

We had 40 members and guests at the Luncheon,

Norman M. Wilson W5FLO - Secretary /Treasurer

Chapter 64, El Paso

I received several calls regarding the absence of Chapter 64 news in the fall Journal. I, too, was concerned about the omission since the material was submitted on time. We hope the publishers will correct their problems in this area, as this was our second time of being 'left out'. I'm repeating the reports on silent keys here and regretfully add a fourth one.

June 1999 was a sad month for Chapter 64. A long time member and former director of the chapter, Jack Harkins, W5CPI, became a silent key on June 13. We extend our sympathy to his family. We lost a charter member on June 18, with the passing of Walter Liggett, W5BFN. Walt and Edie attended meetings as often as possible in recent years, but in the early years of Chapter 64, starting back in 1973, Walt played a very active role in the organization. He will be missed by his friends and family. A very active member, Bart Thwaites II, W5SQM, passed away June 25, following a short illness. He was a former director. While Bart had no immediate family, he had a host of friends who will miss his cheerful smile and helping hand. The funeral service, with full military honors, was held at Ft. Bliss Cemetery with a large group of Chapter 64 members present. On September 22, 1999, another long time member of the chapter, Lela Wilson, WB5HPO, became a silent key. Lela served as a director of the chapter in it's earlier days.

The attendance at our July and August meetings was lower than usual. Many of our members headed for the hills (or was it the mountains?) to avoid summer in El Paso. Tex, W5BQU, and Juanita Burdick returned early to get relief from the rain they had encountered daily. Actually, those of us who stayed home enjoyed a pretty good summer. Bob Carroll, K5IE, hosted the QCWA table at the Hamfiesta on September 18 & 19. Thanks, Bob.

Twenty eight members and guests enjoyed breakfast at Carrows restaurant on the 19th. We substitute the breakfast gathering for our regular meeting on Hamfiesta weekends. Charlie Royall, W5BT, West

Chapter Reports

Texas Section Manager, and his XYL joined us for breakfast. Norm Young, W1HX, is now living at Monte Vista, Room 533, 1575 Belvidere, El Paso, TX 79912. Tisha, W1NUO, reports that he appreciates visits and messages from his ham friends. They were residents of Melrose, MA before making El Paso their home and were regular participants in Chapter 64 activities until last summer. Fifteen of us journeyed to Elephant Butte, NM to the home of Bob and Ofelia Carroll for our annual picnic on September 25th. Good food (including Bob's super chili and beans) and visiting were enjoyed by all. We had the pleasure of singing happy 99th birthday to Tex Burdick, W5BQU, (known to many of you as Big, Quick and Ugly) and enjoyed the delicious cake his XYL, Juanita, baked. We extend a special invitation to members of the former Las Cruces QCWA group to join us at our noon luncheon meetings at Buck's Bar B Q at Dyer and Sanders Streets, on the third Saturday of each month.

Jean Carlson KØZRD - President.

Chapter 65, Niagara Frontier

We regret to mention the loss of a former Chapter 65 member Agathon Albion W2UMS. He died August 26 and was a watchmaker-jeweler in Lewiston for over 65 years. "Ag" was 85 years of age.



Chapter 65 picnic at the QTH of Dan Clark N2DC, East Aurora NY. Seft to right: Norm Contrucci W2JWJ, Norm James W2VEX, and Tom Whalen W2QI.

Our noon luncheons (2nd Saturday) now have an additional choice of a hot buffet; you will like it! Same price \$7.50

Member Bill Hope W2EWT is back home again. We all wish him a good recovery.

Norm, W2VEX put W2SD Club Station on the air for the September QCWA QSO Party.

Ken Palmer K2FJ - Secretary

Chapter 70, National Capital

Autumn is a magical season almost everywhere and eastern Ontario is no exception. September is particularly special month as amateurs, well rested and reinvigorated over the summer, resume a host of activities. Clubs start courses for amateur candidates, amateurs set up and operate stations at fall fairs, QCWA members take part in the QCWA QSO Party, the last fleamarkets and hamfests of the year are held and amateurs enjoy the gorgeous fall colours as they check antennas in preparation for the onset of winter. And speaking of fall colours, do you remember the spectacular scenery during the QCWA Convention that was held in Ottawa at the end of September in 1997? For Chapter 70, the September dinner meeting is a special one at which members host their spouses and friends and enjoy a talk by a guest speaker who gives a not too technical talk on some aspect of radio that will interest everybody. Fifty members, spouses and guests gathered on September 15th to share summer experiences and hear a most interesting and entertaining guest speaker.

Several Chapter 70 members got their start in radio in the days of spark. They have witnessed the progression of radio technology from spark to manually tuned vacuum tube transmitters to automatically tuned, solid-state transceivers. And now we are entering a new era of digital radio technology in which concepts are implemented in software, rather than in hardware. To show us what may lie ahead in radio broadcasting, QCWA Director, George Roach, VE3BNO, introduced Guest Speaker George Zurakowski, VA3GZ, Manager, Broadcast Standards, Regulations and Procedures with our regulatory authority, Industry Canada, who gave a most interesting and informative overview of the introduction of Digital Audio Broadcasting in Canada. He then speculated on what digital technology might mean to the future of amateur radio.



QCWA Vice-President Croft Taylor VE3CT and QCWA Director George Roach VE3BNO, presented pins and certificates to QCWA Chapter 70 members at the September 15th dinner meeting. Front Row (l to r) John Barnhardt VE3ZOV (35 years), Clare Fowler VE3NPC (50 years) and Duncan Schuthe VE3GXU (25 years). Back Row (l to r) Croft Taylor VE3CT, Nenad Stevanovic VE3EXY (25 years), Gus Holtz VE3VK (50 years), Bill Barrie VE3AAS (65 years), Al Oldfield VE3ANO (60 years), and George Roach VE3BNO.

George described the new Digital Audio Broadcasting, a new CD-quality stereo service on twenty-three 1.5 MHz width channels between 1452 and 1492 MHz, with up to five simultaneous independent programs per channel, sharing a single transmitter. He demonstrated an automobile radio with a clean audio signal originating from either Hull, Quebec or Carleton University DAB test sites.

The new service uses the European-developed Eureka 147 technology and Coded Orthogonal Frequency Division Multiplex for immunity to multipath fading. Rather than relying on high-powered transmitters, DAB uses multiple lower-power transmitters, networked on the same frequency for seamless coverage over a wide area. Program material is transmitted in MPEG-2 digital audio format from the program source to the transmitter, ensuring signal integrity. DAB also provides data capacity of up to 65 kilobits/second for Program Related Data such as program labels, artist and content notes, song titles and lyrics, as well as



QCWA Chapter 70 members in proper attire at the QCWA breakfast meeting on September 2nd. Front row left to right: Doreen Morgan VE3CGO, Keith Bedal VE3GFI, Bob Zieman VE3ATN and Ed Morgan VE3GX. Back row left to right: Jim Dean VE3IQ, Rod Newkirk VA3ZBB/W9BRD and Bill Rothwell VE3FGW.

multimedia and images.

Compatible weather and traffic information data services are under development by several Canadian companies. Digital, software-intensive consumer auto receivers, combining DAB with AM, FM and CD modes, are available from several manufacturers. Some will feature full graphic display screens. DAB transmitters and antennas have been designed and built by Canadian companies. Canadian manufacturers hope to have export opportunities among the 20 other countries using Eureka 147 technology, including Sweden, United Kingdom, France, Italy, Poland, Hungary, Spain, Australia and Singapore.

Japan is developing its own DAB system. The USA is working on a competitive AM and FM compatible in-band DAB system. An S-Band satellite system, augmented by terrestrial transmitters will be operational in the US in Year 2000. WorldSpace is building L-Band satellites for Africa, Asia and South America.

The new Canadian DAB service is being introduced this fall (1999) in Toronto (19 program services), Montreal (9 program services) and Vancouver (6 program services). Other cities, including Ottawa, are in planning by local broadcasters, who have priority on channel assignments.

A discussion then took place on what digital radio might mean to amateur radio. As someone said, modifying the rig simply will mean changing the software. It is upon us even now! Ralph Cameron, VE3BBM, thanked Mr. Zurakowski for a superb presentation.

More information on Chapter 70 is available on our web site at <http://www.qcwa70.cyberus.ca>.

Jim Dean VE3IQ - President

Chapter 77, Northern New Jersey

What does it take to have a party? How about a beautiful summer day in northern New Jersey, picnic tables lined up in the shade of a grove of oak trees and about eighteen of your best QCWA pals. Rifle Camp Park in West Paterson, New Jersey provided the spot for NNJ Chapter 77's annual picnic. Good food and ragchewing prevailed. Roy K2QMS and Gertrude "Trudy" K2QMS Forbes attended and were quickly recruited as members. Evan Ardelle, WB2EMR came down on his lunch hour for a visit. Evan is a youngster and "not old enough" to become a member so we adopted him along with Josephine Kehoe, WA2ZNT who needs a few more months under her belt.

Chapter 77's meeting is the third Wednesday of every even month, twelve noon at Mario's Restaurant in Clifton, New Jersey. There are exceptions when we meet on Saturdays. Call AG2R Sec/Treas. at 973-335-7450 for current information and directions or email at ag2r@amsat.org. We are encouraging attendance by

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With Pockets

Chapter Reports

the members to support the staff efforts in providing guest speakers at the luncheons. Recently, Pete Malvasi, W2PM spoke on wireless and spark telegraphy showing slides of keys and devices as well as live exhibit items.



In the shade of the old apple trees. Or were they oak trees? The Chapter held its annual picnic at Rifle Camp Park in West Paterson, NJ.



After the picnic, Chapter 77 members (and even some newly recruited members) posed for the official picnic picture.

Recently, AG2R, your Sec/Treas. joined up with Ms. Jan Scheuerman, KJ4N and Tad Burik WA8PXL of the Edison Chapter 196, Fort Myers, Florida to participate in the special event station, K2BR at the Miss America Pageant in Atlantic City. Be still my heart. It was a wonderful, fun experience meeting Miss New Jersey 1999, Nicole Johnson.

K2BR was set up and run by the Southern Counties Amateur Radio Assn. (SCARA) in Southern New Jersey. Check Chapter 196 writeup for more details.

So come and join the Chapter 77 fun. Look at the happy people in the photos. Be a part of it. We will see you there

Gene AG2R - Secretary/Treasurer

Chapter 81, Long Island

As I write this the TV is talking about hurricane Floyd which is still a bit south of Long Island. Traffic is horrific and the local repeaters sound like lots of people stayed home today. By the time anybody reads this, the season will have gone and snow will be the concern of the day. We have had a speaker from a big drug store chain who was very informative about the health concerns of our more experienced members. We are going to have him back to talk about Arthritis and the many changes in therapy which have developed over recent years. If you need a speaker from such a place, try the head office of a big pharmacy chain for their public relations director. This Summer we heard the news of the death of K2EEK, who was a moving force at CQ Magazine. Alan was a member of the chapter. Read the editorial in September CQ if you don't believe that we should all be careful managers of our health. It is a very moving article. Our recruiting efforts pay off. A photo here shows Kate, AE2Z and Herman, W2TLC, at a ham flea market with a table set up to welcome new QCWA members. It works. Another photo shows the Chapter 81 turnout at a dinner meeting a while back.



Chapter 81 turnout at a dinner meeting a while back.



Kate, AE2Z and Herman, W2TLC, at a ham flea market with a table set up to welcome new QCWA members.

Carroll Hamlet W2QBR - Secretary

Member Supplies

Certificates

Membership Certificates are numbered in serial order and are issued to each member. Numbers are not reissued except to the same member to whom they were first issued.

QCWA Gold Certificates celebrate the 50th anniversary of licensing. Issued without charge to eligible members upon proof of year of first license.

Gold Certificates are issued in five year increments; 55, 60, 65, 70 and 75 year certificates free of charge to eligible members.

Fifty Year Continuous Licensing Gold Certificate available to eligible members. Requires submission of proof of continuous licensing. There is a \$5 fee for this certificate. Applications are available from QCWA Headquarters.

QCWA Century Club Certificate is issued to QCWA members whose age, when added to their number of years as a QCWA member totals 100 or more. No charge for this certificate.

Meritorious Award Certificate is issued by Headquarters upon request of any active QCWA chapter. One such award is authorized for each chapter each year. The award may be given to recognize unusual dedication to QCWA or amateur radio. No charge for the award.

Operating Awards

QCWA Operating Award Certificates are issued to QCWA members by the Activities Manager. Proof of eligibility is required.

QCWA Worked 50 States Awards are issued to QCWA members who have contacted members in each state of the union.

QCWA Worked 100 Members Awards are issued to QCWA members who have contacted at least 100 QCWA members.

QCWA Worked 60 Chapters Awards are issued to QCWA members who have contacted members of 60 chapters.

QCWA Worked 500 Members Awards are issued to QCWA members who have contacted 500 QCWA members.

QCWA Lapel Pins

Without year tags, tie-tack, safety pin or screw type. Plain pins (no year) - \$10

With year tags (clutch-type only). Specify year; 25, 30, 35, 40, 45, 50, 55, 60, 65, 70 or 75 - \$15

QCWA Life Member pin - \$5

Other Member Supplies

QCWA Embroidered emblem - \$5

450 QCWA Red Stamps (regular) - \$3

450 QCWA Gold Stamps (life) - \$3

400 QCWA Yellow Stamps (50 Year) - \$3

QCWA Cap with logo - \$5

QCWA Chapter Banner - \$200

QCWA Decals - \$1

QCWA QSL cards - (see ad elsewhere)

Please send your order to QCWA Headquarters, 159 E. 16th Ave., Eugene, OR 97401-4017.

Phone (inquiries only, no orders): 541-683-0987, Fax 541-683-4181

We do not accept orders charged to credit cards.

Chapter Reports

Chapter 91, Vic Clark

Bob Arrowsmith, K4JN, SK

Chapter 91 member Bob Arrowsmith, K4JN, had been residing in Ohio for the past few years. He was here for a visit and attended our July meeting. It truly was nice to see Bob, and many of us spent time talking with him. We all enjoyed it. Although we knew that Bob was not in good health, he looked and sounded quite well and active. So we were surprised and saddened to learn of Bob's passing on July 27. He will be missed. 73 to you, Bob.

July Meeting

Twenty-one people (18 members and three guests) attended the 17 July meeting. President Terry Hines, N4ZH, presided.

Auction. Many thanks to Howard Bullock for bringing several years' of QST magazines and an oscilloscope for our regular auction.

Post-Field-Day PSK-31 Demo. Dick, KM4ML, brought his PSK31 Field Day setup and presented the basics of this new, interesting, and rapidly growing mode. He set the equipment up and gave a demonstration following the formal meeting.

Field Trip to NRAO, Green Bank, WV. We will be taking a field trip to the National Radio Astronomy Observatory next Spring. The Green Bank Telescope, the largest steerable single-dish telescope in the world, has surface dimensions of 100 meters by 110 meters. The track on which it rotates is 200 feet in diameter and is level to within a few thousandths of an inch while bearing 15 million pounds. Talk about a real DX antenna! Also, the scenery in that area is magnificent.

There is some really good information on the web about NRAO and the GBT. Check out <<http://www.gb.nrao.edu/>> and <<http://www.astro.lsa.umich.edu/users/rhiannon/travel/gbt/index.html>>.

August Meeting-Annual Picnic

Members, spouses, and guests enjoyed chatting with each other (it was wonderful to see so many wives) and eating so much good, home-prepared food! The weather was perfect, so was the company, and so was the food. What else can be said about such a delightful event?! Fortunately, we outnumbered the yellowjackets, and they were easily appeased by a few cans of soft drinks.

September Meeting

Nineteen people (14 members and five guests) attended the 18 September meeting of Vic Clark Chapter 91 of QCWA at Neighbor's Restaurant in Vienna. President Terry Hines, N4ZH, presided.

Program. Dave Buckwalter, KC3CL/KG4CL, told us about his experiences in Guantanamo Bay, Cuba, from 1972 to 1991. His talk was lively and augmented by many 35mm slides. He provided much history and other interesting information about the base (e.g., the oldest U.S. military base, and the only one in a Communist country) and what it's like to live and be a Ham there.

KG4-land is an excellent DX location for those who hold a valid Amateur radio license and who obtain a KG4 call issued by the base communications office. These calls are issued only to Hams who pay \$1 to join one of the two base radio clubs, the Navy radio club, KG4AN, or the Marine Corps radio club, KG4AM. Such a call indicates you are a "Guantanamo man."

Business. VP Dick Rucker, KM4ML, reporting in behalf of Secretary Jack Kelleher, W4ZC, noted that we have taken in five new members and two new newsletter subscribers since the first of the year. Chapter 91 currently has 78 paid up chapter members, including 25 Life members. In addition, we have eight "friends of the chapter" who pay for a newsletter subscription.

Our auction and other donations added \$92.50 to the Treasury. Thanks so very much to Carl Gray, W4ACM, and Bix Bixby, W4BIX!

Gaithersburg . . . oops . . . Bowie

We had a table at FARFest and enjoyed chatting with visitors. We added four new members, with several more applications taken by people who swore they'd fill them out and return them; don't forget!

Upcoming Events

16 October: tour of PBS's Satellite Teleport facility in Alexandria, then lunch at the nearby Four Seasons Restaurant.

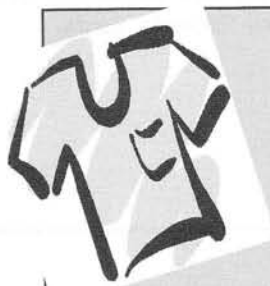
20 November: regular business meeting at Neighbor's restaurant, election of officers.

18 December: holiday luncheon at P.J. Skidoo's in Fairfax.

Jim W3WV

Chapter 102, Dakota

In the last few months, some Chapter 102 members helped with 2 meter communication of the 10.5 mile Heart of the Hills Road Race between Hill City and Keystone South Dakota. Nearly 90 runners did that one. Also members helped with communication for the 100 mile run on South Dakota's Centennial Trail. Communication had to be provided for over 34 hours, because the run was in the Black Hills forest and continued until after dark.



Shirts-R-Us
Order one of the
spiffy new
QCWA
Golf or T-shirts

Order from QCWA Headquarters

Chapter members WØMB (ARRL SD Section Manager) and NUØF manned a QCWA table of the ARRL Dakota Division Convention in Watertown, South Dakota on August 6, 7 and 8th, 1999. It was well received and 25 persons signed the visitor log. Six new QCWA and Chapter 102 members were recruited. 13 persons attended the QCWA luncheon, sponsored by Chapter 102.

Field day for the chapter was held a Roger's KØROG QTH in the Black Hills - elevation 5300 feet - near Rochford, South Dakota. Good weather and good bands. Participating 102 members, Ray - KØRNT, Frank - NUØF, Cory - WØYMB, Dave - KØERM, Frank - WAØMRU (a new member recruited during field day) and Roger - KØROG. Bill - KAØGG and Helen - KAØHMH were visitors. Lotsa fun

**A Distinguished Chapter 102 Member,
Frank Curtis WØVQC QCWA #21723.**

Even if you have never met Frank Curtis, WØVQC, Virgil South Dakota, you would have to be truly impressed with his photo albums and scrap books he assembled, about his long career and experiences in Amateur Radio. They're not just personal things for him but of general interest to other hams. (He even has pictures of fellow ham's dogs!)

Frank was born Feb. 5, 1916, and still lives on the farm that his grandfather homesteaded in 1894. At age 11 he was stricken with polio and was precluded from doing what other lads did. He chanced to see an Allied Radio Catalog at a neighbor's house and from Allied built a crystal set. Frank first heard Morse Code on the familie's broadcast receiver. Back to Allied Radio who told him how to build a short wave receiver. He was on his way to copying code and a ham radio career. He discovered a ham radio neighbor, W9DYM, 12 miles away who became his Elmer. He got a Class "C" license on October 22, 1935, a Class "B" on October 26, 1937.

January of 1938 found him hitch hiking from Virgil to St Paul, MN (about 300 miles) to take his Class "A" test. Minnesota dogs chased him past their driveways, he had rides with many people including a hardware salesman and an ambulance driver. He passed the test and got his Class "A" ticket on January 25, 1938. Frank got his Extra Class license in 1997 and is now involved with VE testing in his area.

Frank and Hazel were married on June 11, 1939. Hazel was curious about the dots and dashes. He told her - "get a license and find out". She did and is WØBHP. The Curtis' have 2 daughters - both licensed hams.

Frank is a valued and respected member in his community and one of the very active, SD hams on the air. He regularly checks into the nets in South Dakota. Heck, the first post WW II 75 meter nets was under the direction of Frank. These nets, with some ups and downs through the years are still functioning and very active today.

WØVQC retired from active farming in 1978. Along with farming activities, Frank and Hazel were also



Frank (WØVQC) and Hazel (WØBHP) Curtis on the ranch in Virgil, SD.

noted for the raising registered polled Hereford cattle. Yep "Victor Queen Charlie" is a suffix regularly heard on South Dakota nets. He's sought out at all amateur conventions and hamfests. He's a friend to all. Incidentally, seek him out at a hamfest, he'll have his photo albums and scrap book, you won't be disappointed.

Roger KØROG - Vice President

Chapter 126, Piedmont

There were 24 members and guests at the popular restaurant in Winston-Salem, NC, called The Vineyard at our September meeting. The restaurant is located in Reynolda Village, part of the estate of the founder of the R. J. Reynolds Tobacco Company. The Village was built to resemble an English country village, the architecture matches that of the main house, Reynolda House, with white stucco exteriors and green tiled roofs.

The Village was designed to provide the support needed to make the 1,067-acre Reynolda a self-sustaining community. The House and Village are open for inspection throughout the year.

During the Director's meeting, prior to the General Meeting, several suggestions were brought up. One being to move the Sunday morning Chapter Net to Saturday morning to prevent the conflict some members have with attending church. That suggestion is being sent to the Members through the QCWACKER, our quarterly newsletter, for consideration and reply.

Director John Covington, W4CC, brought up the idea of having a Chapter Web page on the Internet, and volunteered to set it up for the purpose of obtaining new members. The idea was accepted, and he will set one up with a link from the National QCWA Web page. There are currently a number of interesting chapter Web pages, which may be linked from the National page - <http://www.qcwa.org>.

During the General meeting, our host, Chuck Brydges, W4WXZ, reported on the Net attendance for the Net Control Station, George McBride, W4DGGJ. During the quarterly period from June-September, there were 159 check-ins, from 26 different stations.

Chapter Reports

The average Sunday attendance was 12.2 stations. George and Chuck had perfect attendance, with Walt Van Giesen, AB4DQ, missing only one session.

W4WXZ, as treasurer, reported that the difference between income and expenses for the three-month period was a minus 66 cents.

Chapter member, Clarence Beaver, K4SHU, presented a slide talk about his 1951 military stay in Korea. Clarence was with an engineering corp. responsible for maintaining and building railroad bridges as required. Some were repaired several times as the North Korean troops over-ran and were driven back by our Forces. He was stationed in a town of 100,000 population, called Wanjou near the dividing line between North and South Korea. The country is mountainous and barren of trees, frozen, muddy, or dusty depending on the time of year; there were no paved roads. W4WXZ was in the area four years later. He commented that there had been no changes from what he saw in the slides and his own visitation.

Wilbur Fulton W2SE, who is in charge of the December meeting, stated it would be held in the National Golf Club in Pinehurst, NC, on Saturday, December 11. This meeting, our Christmas one, is always special because of the elegant surroundings, meal, and entertainment provided.

Henry Elwell N4UH - Secretary

Chapter 134, Pine Tree

The Pine Tree Chapter meets quarterly at various locations in central and southern Maine. Our September meeting, the Annual Meeting, was held at the Village Inn Restaurant in Old Orchard Beach, Maine. After lunch, the meeting was called to order at 12:55pm by President, Bill Woodhead. Introductions were made with 25 members and guests present. A 65-Year Anniversary Award was presented to Robert Curtis, W1EXZ, by President Woodhead. Bob is a long time member of the Pine Tree Chapter who now lives in Colchester, Vermont. It was a real pleasure to visit with Bob, Dot his wife, and his grandson Matt who chauffeured them from Colchester for the event. Chapter business and reports were taken care of and Door Prizes and a 50/50 drawing were given out. The meeting closed at 1:35pm. The December meeting date and location will be determined later and printed in the next newsletter.

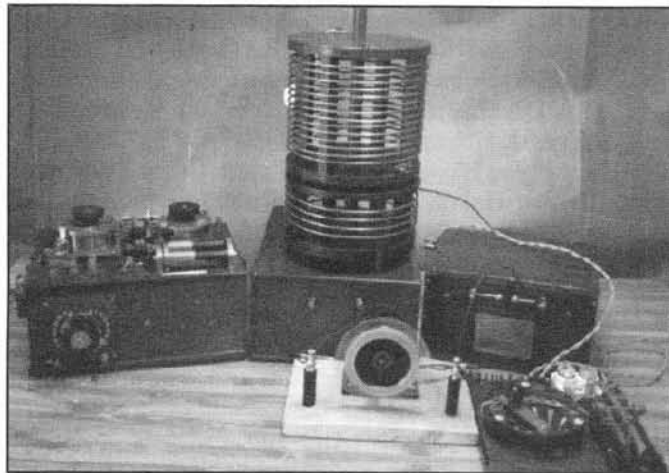
Phil Young W1JTH - Sec./Treas.

Chapter 138, Marconi

On September 30 the Marconi Chapter established a special events station at Twin Lights, NJ. The event was staged to commemorate the 100th anniversary of Marconi's first telegraphic transmission between the lightship "Ponce" and "TwinLights Lighthouse" in 1899. Chapter president Mike Feher, N4FS, demonstrated the operation of his newly restored Marconi spark gap transmitter and receiver to site visitors, which included

State and Local Government officials, Rutgers college professors and others.

The photo shows the restored Marconi spark gap transmitter operated by Mike (<http://www.monmouth.com/~n4fs/spark.jpg>). Events chairman Joe Dreifuss, W2KQ, Bob Buus, W2OD, and other QCWA members operated a radio station and made many contacts. This event was the first of a series of special events lasting through mid-October. Many HAMS attended these events including many chapter members. The local Italian-American club of Ocean Township NJ and provided colorful special events T-



The restored Marconi spark gap transmitter.

shirts to those that participated, a large event banner and beautiful QSL certificates.

On the 16th and 17th of October Bob Buus, who ironically was born on Marconi's birthday, played Marconi as he broadcast a simulated spark gap telegraphic message periodically from a vessel in the NY harbor area. The message was sent over HF channels to the world. This was to commemorate the transmissions made during the America's cup race between the British yacht of Sir Thomas Lipton and the American yacht of J P Morgan. Those receiving the message and decoding it properly received a special certificate. Many QCWA members participated as operators, QSL managers, facilitators, and data takers. As the chapter puts this event behind it looks forward to providing support for the building of the InfoAge Learning Center (www.infoage.org), which will restore and use the old Marconi buildings in the US Army Camp Evans area in NJ. Jack Kelleher, W4ZC, donated an old Marconi poster to our chapter, which is a picture of Marconi taken in Newfoundland in 1901. The poster was designed by the Smithsonian Institution and a copy hung in the Amateur Radio Station in the 1984 New Orleans World's Fair. When restoration is completed the poster will hang in a Marconi building adorned by the chapter silent key plaques.

Bernie Ricciardi WB2EJT, bvrice@monmouth.com

Chapter 146, Twin State

"BOG WALK" Meeting, July 10, 1999

Twin State Chapter 146 had a very unusual meeting on July 10, 1999 in a genuine New Hampshire Bog. Near New London, NH, the Philbrick-Criscenti Bog covers 25 acres, and has extensive foot paths on boards for safe walking over the quaking mat of arctic tundra plants formed in an ancient pond. A dozen members and friends of Chapter 146 walked for most of an hour over the many loop trails, carefully avoiding stepping off into the ever-present muck. At one place there is a test pole that can be pulled vertically out of the bog for at least 15 feet (maximum depth of the bog is about 20 ft). Abundant plants found in this 10,000-year-old bog include cotton grass, pitcher plant, sedges, sundew, sphagnum moss and peat. After the informal BOG tour, we enjoyed lunch together at a nearby restaurant. We are indebted to Carl Breuning, N1CB, for organizing this unusual experience.



Some of the Members of QCWA Twin State Chapter 146 at BOG WALK on July 10, 1999.



Members of QCWA Twin State Chapter 146 at BOG WALK on July 10, 1999.

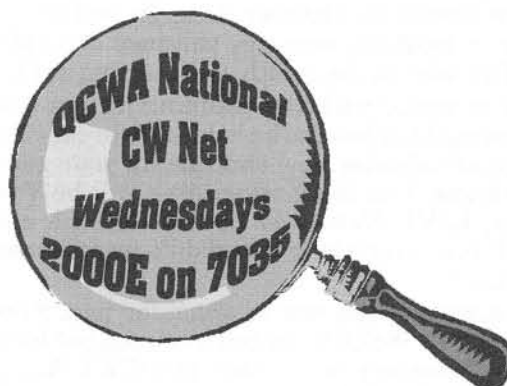


Members of QCWA Twin State Chapter 146 at BOG WALK on July 10, 1999.

New England Regional QCWA Picnic and OUTTING AT OTTER BROOK —July 17, 1999

The New England Regional QCWA Picnic this year was hosted by the Nutmeg Chapter 149, QCWA. Ten guests from Chapter 146 (Twin State) attended this pleasant affair along with 25 or 30 from the other chapters. Although temperatures were in the 90's, we had adequate shelter and a light wind to cool us a bit. Again we had some informal music (French horn and accordion), and some good ragchewing. We appreciate the continuation of this pleasant inter-chapter tradition, and thank Nutmeg Chapter 149 for inviting us.

Gregg Stephenson - Secretary



Chapter Reports

Chapter 150, Delmarva

Delmarva Chapter 150 held its September Quarterly luncheon at the Narrows Restaurant on the waterfront at Kent Narrows, Maryland. Eighteen hams



Seated left to right: Frank Wessely KA3UUC, Harold Moyer W3YSY, Edward Hill W3FEG. Back row left to right Donald Babyok K3LGC, Robert Pohlman W3YMS, Tom Smith W3LOV, Lloyd Carter W3UWO, George Clough W3VVP, Walter Brink W3WPY, Ronald Hill K3QA.

and friends enjoyed a delicious lunch and waterfront activity. A special ice cream treat was served in honor of the 52nd Wedding Anniversary of Lloyd Carter W3UWO and his bride Betty Jo.

Tom W3LOV - Secretary/Treasurer

Chapter 154, Leo I. Meyerson

Another desert summer has come and gone!

While Chapter 154 was dark from July through September with no chapter activity, we are now planning our monthly luncheons and guest speaker roundup as we move ahead for the fall season.

Our first monthly meeting will be held at our new meeting place, Marie Callender's Restaurant, 69-830 Highway 111, Rancho Mirage, (just east of Frank Sinatra Drive) on October 21st. In addition to the change in location, meetings will now be held on the third Thursday of the month, still starting at 11:30 AM.

We continue with the planning for our 13th Annual Spring Luncheon to be held on February 12, 2000! Mark your calendar now and line up your guests. All are welcome. Our featured speaker will be Vince Thompson, K5VT. Newlywed Lew McCoy will entertain us with his "everything you didn't want know about antennas!"

Congratulations are in order for past President, Don Doughty, W6EEN, on being nominated for the position of Treasurer to the national QCWA Board of Directors. Good luck, Don! We know our money will be in capable hands!

George M. Underberger W6WAS

Chapter 160, Utah

Our annual dinner meeting was held in May at the Hometown Buffet in Salt Lake City. 25 members and guests had an enjoyable time with lots of good food and fellowship.

Our fall picnic was held in Lehi, Utah, September 11th. A beautiful sunny day welcomed 23 members and guests. A large tray of brownies was shared by all. This meeting gives a chance for input into the next years activities. The first and by far the biggest will be The Mesquite Frolic, Tuesday March 21st, 2000. Mark your calendar so you don't miss this fun event.

Our Chapter has an on the air meeting every Saturday morning at 11:00 A.M. Mountain time, on 7272. We average between 25 and 35 check-ins and all are welcome to participate.

Chapter 162, Southeast Wisconsin

During the late morning on Saturday, June 26, with the temperature hovering in the mid-nineties, Chapter members met in a hay field at Decision Farm in Racine, WI and "Field Day" 1999 began its march into history. Our Field Day Chair, VP and Net Control guru, Ken Knopp, N9NBC organized the working details. The antennas were erected, shelters set-up and the transceivers powered. The Chapter operated as 3-A using QRP solar charged battery power. The 20 and 40-meter CW stations were augmenting the lone HF voice transceiver. The brass pounders, with headphones in place, sat side by side under a canopy enjoying the gentle breeze that occasionally flowed through as they communicated with the world. The voice operator was confined to a tent where the temperature eluded measurement and the heat exceeded what I normally find in the sauna of my Health Club. When the operator emerged from the voice tent, I believe he was ten pounds lighter than when he went in. The Club Call, K9AKG was only operated during the daylight hours; the group felt that unless an emergency was at hand, nights were for sleeping. At the event's close, K9AKG had garnered about 2000 points, enjoyed the outing and adequately tested the member's emergency skills and club equipment. As Chapter President Spence Clope, W9LDH ramrodded the day's events and Secretary/Treasurer Bob Jensen, W0WLN recorded the activities, the following members were observed operating or visiting the site: Fern Fisher W9LCJ, Herb Ladwig W9PHJ, Al Algiers W9HR, Bob Burgermeister W9EH, Bill Komistra W9OVZ, Chuck Knotek W9GKM, Ed Konicek W9NVK, Larry McCalvy WA9JMO, Jim Taylor K9JT, and Ken Knoff N9NBC. Although Al Marini W9CKQ was unable to physically join us, he lent the gang a radio to replace the club's malfunctioning unit.

Larry McCalvy, WA9JMO, Club Historian

Chapter 165, York County

The York County Pennsylvania Chapter 165 chapter meets at the Stoneybrook Family Restaurant in York, PA on the second Saturday of February, April, August and October. In June we hold our annual family picnic at The John Rudy County Park and the December meeting is our annual meeting and Christmas party. For this we meet at the Alexander's Family Restaurant in York, PA. This year the annual meeting will be held on December 4th.

The picture shows the attendees at the annual picnic held on June 19th this year. There were eleven members present and nine guests, XYL's and one junior op. After a fine lunch of the usual picnic fare we held a silent auction of items donated to the chapter. This has become a highlight of the summer picnic and has even drawn hams from outside the QCWA to our picnic. A short business meeting was held after the auction.



Front row (l to r): John Zett W3FLD, WA3PHL Ed McKenzie, George Adams K3MJN, John Shaffer W3SST, Bob Hager K3HOX and Ray Shaub W3AYC. Back Row (l to r): Pete Chantiles N3DVO, Cary Green K3IIB, Bill Barefoot W3UQJ, Walt K3DQB (holding Jr op) and Bill Steinfelt K3SRP.

The August meeting was held at The Stoneybrook Family Restaurant on August 14. There were 9 members present. After the lunch a short business meeting was held. It was decided to man a table with a QCWA display at the upcoming York Hamfest on September 19. Hopefully this will add some new members to the chapter. After the meeting a presentation on the PSK3I mode of communication was made by our president Hugh Quackenbush WI NPS.

Raymond A. Shaub W3AXC - Secretary/Treasurer

Slogan for Bug Control Company
No ifs, ants or bugs.

Chapter 166, Colonial

The June meeting was held at Ludwig's Inn. The speaker was Bill Fairing W1ATA. RF Radiation was the topic and we all learned a lot - things we didn't know until now. We continue having our breakfast meetings the second Tuesday of the month at the Villanova Diner on Route 30 in Villanova at 9:00 AM. Those of our members who miss these get-togethers miss a chance to express ideas and enjoy a more informal greeting of the members.

The annual picnic held on the grounds of Alice Findley, XYL of Silent Key W3FEA. Alice's continued support of the Chapter activities is much appreciated. The picnic was catered and 42 people enjoyed the food and Mother Nature cooperated by giving us a lovely day. Everyone is looking forward to next year.

Coming events include a luncheon meeting and Christmas party. All paid up members will receive notices.

Anyone knowing of a speaker or program for our up-coming meetings is requested to get in touch with Tom Jones W3BED our president who will thank you.

It is with regret that we announce the passing of James Dux K3JD. Jim was a loyal member of our Chapter. He was a Professor at Lebanon Valley College and Millersville University. He taught classes for future HAMS and co-authored a book "Talk to the World" and worked with the blind.

We urge all members to stay active and participate in the Chapter activities. It's fun.

Charlie Stouth W3ZPP

Chapter 169, Sacramento Valley

Chapter 169 continues the search for a permanent meeting place. Currently we are meeting at THE WAFFLE SHOP, 6239 Fair Oaks Blvd. In Carmichael, CA. The local is between Marconi and El Camino Avenues. Breakfast starts by 7:30 A.M. with a business meeting at 8:00 A.M. These chapter meetings take place on the SECOND WEDNESDAY of each month.

For the first time in 10 years, the chapter has some new officers. Led by our President Paul Wolf, W6RLP, we have Bill Easton, W6UYD as Vice-President, Bill Hendrick NS6D, as Treasurer and Gary Stilwell KI6T as Secretary. Hearty congratulations are due for 10 years of service to Chuck Eder W6LOE, past Vice-President and Bill Hendrick NS6D, past Secretary. Thanks guys!!

During the past quarter, the Chapter awarded 50 year SERVICE AWARDS to John Webb W7GE, Howard Turnidge W6DFX, Hariy Simon KD6SB, and Walter Richards AC6MY. A 55-year SERVICE AWARD went to Bill Easton W6UYD; 60-year SERVICE AWARDS went to Paul Wolf W6RLP, Peter Onnigian W6QEU, and Carl Harvey W600R; and a 65-year SERVICE AWARD went to Jim Allen W6IQH. Also awarded was a MERITOUS SERVICE AWARD to Peter Onnigian W6QEU.

Chapter Reports

During the quarter we had monthly speakers tantalizing us with information about home antennas, mobile antennas, working for the United Nations and operating Amateur Radio overseas, and a recap on the Dayton Hamvention and FCC forums.

The Chapter is participating with the Society of Wireless Pioneers in net operations on 3947.5 kHz daily Monday through Friday at 5 P. M. All Chapter members are invited to check in.

QCWA members and other Radio Amateurs, including XYL's are cordially invited to attend our meetings. Call Paul Wolf W6RLP, at (916) 489-8112 or Gary Stilwell KJ6T, at (916) 961-6659 for more information or meeting locations.

Chapter 174, Wisconsin Badger

Chapter 174 met on July 31, 1999 at the home of Wayne K9MIF & Betty WD9AUC Johnson, Plover, WI Meeting held at 100PM. In attendance was N9MHG Craig Carpenter, NG0C Al Pacheco, W9TQD Lee Parsons, K9PJB Dick Drew, W9IIB Dar Alverson (Guest), K9KGM Leslie Lust, W9NN Robert Baird, K9JPS Lew



Front row (l to r): W9TQD, W9NN & K9JPS. Back row (l to r): K9MIF, N9MHG, NG0C & K9KGM.

THE JOURNAL IS AVAILABLE FREE TO
BLIND PAID-UP MEMBERS ON AUDIO
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INFORMATION, CONTACT

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Western LN.

Amherst, MA 01002 PH: (413) 256-
0179; and (OCT. 1-MAY 1) 6002 N.
Fremont, Tampa, FL 33604
PH: (813) 870-0867.

Sheerar, K9WVM Al Mallek, K9MIF Wayne Johnson and WD9AUC Betty Johnson. Treasurer's report read and accepted as printed. Plenty of money in Chapter 174. N9MHG reported that 42 letters that were sent out to members with SASE enclosed, only 14 were Returned to him or K9MIF. "Gosh fellow hams were sure can do better than that." No correspondence, No old business or new business. Election of new officers were held with results as follows:

President - Wayne Johnson K9MIF, Vice President - Robert Baird W9NN, Secretary - Lew Sheerar K9JPS, and Treasurer - Betty Johnson WD9AUC.

Board of Directors: Dick Drew K9PJB, Gene Santoski K9UTQ, Al Mallek K9WVM, Tom Liska K9CJM and John Feltz W9JN.



Front row (l to r): WD9AUC - K9JPS. Back row (l to r): W9NN - K9MIF

Meeting adjourned to the picnic area of the Johnson Kitchen and Family room where a excellent meal With barbecued beef and many outstanding dishes of good food was served. With all the eye ball qso's And chats about ham radio from all the picnic gang broke up and headed home. Next meeting will be Set by the new President and notify all members. Get out and sign up some new member's gang. Many thanks to WD9AUC Betty for the excellent job of hosting this meeting.

Wayne Johnson K9MIF - Secretary

It's good to be a man of few words.
You can never tell when you'll have to
eat them.

Chapter 182, Northeast Tennessee

The chapter held its summer meeting for this year at the Fish Tales Seafood Restaurant in Bristol, VA. When all had finished eating, President Don Gilbert, W4EHI, opened the business part of the meeting at 1:09 p.m. EDT, calling on Bob Lane, KI4V, for the invocation, and then thanking those present for coming. Attendance was unusually low; there were 10 members and 4 guests present. Secretary/Treasurer Roy Hill, W4PID, reported that the present membership of the chapter is 35. This year we have lost 2 members by death and 3 by dropping out. All dropouts have been contacted previously at least once, but one more effort will be made to have them continue as members. The treasury stands at \$265.55. The President brought up the QCWA scholarship program, and Bill Owen, W4VS, announced that Bobby Gass, AB4EG, had received a \$1000 QCWA scholarship. Dillard Graham, WA4NZT, president-elect for next year, commented briefly on his thoughts about operation of the chapter next year. The program was a very interesting video entitled "The Last Voice From Kuwait," brought by Phil Poling, W4DNZ. It told how an amateur in Kuwait used his amateur teletype station to keep the outside world informed of conditions there when Iraq invaded Kuwait several years ago. His descriptions of the cruelty being practiced by the Iraqi soldiers probably contributed to the decision to throw Iraq out of Kuwait. By operating his station, he risked his life 10 or 12 hours every day to send out his messages, and others risked their lives to bring him information. The meeting adjourned about 1:45 p.m.

Roy O. Hill Jr. - Secretary/Treasurer

Chapter 188, Lost River

At the regular monthly meeting of QCWA Chapter #188 in Klamath Falls, Oregon, our chapter was honored to have as our guest one of the QCWA Scholarship recipients. Her name is Jessica Asbill, her call is KC7YET, and she is from Dairy, Oregon. She is a confident and delightful young lady in her second year of college and was thrilled with the scholarship. Be sure and read her resume elsewhere in this issue.

Our group also discussed our annual potluck picnic at the Brooks' home. This takes place on the third Saturday in September and is the best attended meeting of the year.

We meet on the third Thursday the rest of the year for an 11:30AM luncheon at Mike & Kathy's Restaurant here in Klamath Falls.

Carolyn Brooks AB7ET - President

Spotted on billboard along major highway

**Let's meet at my house Sunday
before the game. -God**

Chapter 196, Edison**QCWA members unite at Miss America special event station!**

Several chapters were represented at this year's Miss America Pageant special event station. Southern Counties Amateur Radio Association (SCARA) just completed their 29th consecutive tour of operation at the most prestigious special event station hosted by K2BR.

SCARA members provided necessary communications during the annual parade that preceded the actual pageant in Atlantic City, New Jersey. They set up on the world famous boardwalk and relayed information to the Miss America Organization, the Atlantic City Police, Fire and EMS departments. A command post was set up at Convention Hall where the location of all contestants and floats were monitored for safety and security.

One of the other functions of the amateurs is to gather traffic from contestants and production crews. Once the traffic has been obtained it is then forwarded to the recipient via ham radio. You should see the smiles on the faces of the senders when they turn in their pageant-grams.

This year was special for QCWA members from NNJ Chapter 77, several at-large national members and Chapter 196 of Fort Myers, Florida. The traffic handlers are expert CW operators and had plenty of work cut out for them. They processed over 100 messages and had a lot of fun doing it.

QCWA at-large operator Arnie Oberson, W2OB; Min Bouchard, K2MB; Chapter 77 secretary Gene Filipponi, AG2R, joined Jan Scheuerman, KJ4N, and Tad Burik, WA8PXL, in the festivities during a whole week of operating at K2BR. They made over 250 CW and SSB contacts. It was a pleasure to put several contestants on the air and hear the responses of hams around the country as they chatted back and forth. K2BR operators were also on the air and giving away points for the QCWA QSO Party which proved most interesting.

The Chapter 196 operators were able to make contact back home with fellow Edison Chapter members despite the threat of hurricane Floyd. Our log sheets will reflect QSO's with Jim Hall, W3JI; Jim Novak, W9HNI; Gene Baber, W8SZU; and Walter Rollick, W4IGE.

A special thanks to SCARA pageant coordinator, Toni Bull, N2CYL, for her assistance and on-going support of the team at K2BR. Jack Castree, K3IHA, was the parade communications coordinator and was instrumental in antenna deployment. The entire effort was made possible through lots of hard work and sacrifices by the many tireless volunteers. This is a good lesson that does not go unappreciated by hams world wide. QSL's are on the way! Each year's QSL has a picture of the new Miss America that is suitable for framing, it is a card that exemplifies the highest standard of accomplishment.

It is also time to thank Miss Nicole Johnson, Miss America 1999 and the newly crowned Miss Kentucky/Miss America 2000 Heather Renee French. These ladies are great representatives of our country through their personal platforms of community involvement. Somehow the combination of QCWA and the Miss America objectives work well together, both are heavily public friendly and both offer scholarships for further education.

Tad Burik WA8PXL - President

Chapter 203, Gilbert L. Crossley

Here is a belated report from Gilbert L. Crossley QCWA Chapter. The chapter had two meetings since the last report was submitted. On April 28 1999 we meet at a restaurant in Lockhaven, Pa. The turn out was small, but lively, with 9 members and family attending. The program was on the somewhat new digital mode PSK-31, by John Passaneau, W3JXP. This new mode is very spectrum efficient, and has weak signal performance that almost equals CW. Sorry about that, CW ops! Several members of the chapter are now capable of operating PSK-31.

The next meeting of the chapter was the first annual (maybe) picnic on July 31, 1999. Held at the QTH

of John Passaneau W3JXP. The chapter supplied hot-dogs and corn on the cob, with the members to bring a dish to pass. There was no formal program but looking at the "shack" of W3JXP was popular as well as "chewing the rag." Also there was interest in John's other hobby of mineral collecting. He has a large collection that he has built over more than 40 years of collecting. Turn out was again light with 9 members and family attending. The 100-degree heat that made being outside uncomfortable limited the turn out.

The chapter, the QCWA and Ham radio here received very nice publicity in March of this year. Local members of the chapter were interviewed by a reporter for the local paper, The Center Daily Times. With John Passaneau W3JXP, Carmine Prestia, K3CWP, Keith Adams, N3IM, featured in the article. This was a major article that was featured on the front page of the On Center section of the paper, with almost a full page spread. It showed pictures of Carmine Prestia's shack and quotes from all the other Hams. The part that pleased the local Hams the most was how good a job the reporter did. There were only a few small parts that could have been done better, but it was the best newspaper article we have ever seen on ham radio. There were side bars showing the addresses for the QCWA, the local chapter, the local club, The Nittany ARC, and the ARRL. Another side bar listed some of the popular jargon of Ham radio. And a side bar gave some of the history of the man from whom our chapter is named, Gilbert L. Crossley. The reporter, Chris Rosenblum, has no personal connection to Ham radio that we know of and normally writes on the sports page. We here in the chapter are more than a little pleased with this accurate and positive coverage of Ham radio.

Chapter 205, Eastern Indiana

The Eastern Indiana Chapter came into existence after it became known that we finally had enough QCWA members and potential members in Richmond to form our own chapter. The chapter was chartered in November 1998 and had its first meeting in December. Since that time we have experienced gradual growth, but as few as we are in numbers, it does not take much to make for a significant percentage increase.

We have been having monthly meetings, usually on a Saturday morning, at Carver's Family Restaurant in Richmond, Indiana. These are normally on the Saturday following the second Tuesday of the month. It may sound like a complicated formula, but that way it follows the local radio club meeting, and it is from that group that we have been drawing most of our members.

It was our intention to include a picture of our group, but some of us are a bit camera shy, and when it was known that a picture would be taken at the last meeting, the attendance dropped markedly! We do anticipate finding a way around that, so at some point in the coming year we do expect to be able to include an image of the chapter members... possibly thanks to digital techniques.



Hamming it up

Faraway voices lure radio operators

Chapter namesake

The local chapter of the Eastern Indiana Chapter of the American Radio Relay League (ARRL) is named after Gilbert L. Crossley, a pioneer in the field of radio communication. Crossley was a member of the chapter for many years and was instrumental in its formation. The chapter is currently active and has several members. It is located in Richmond, Indiana.

Chapter members:

- **Chapter President:** Tad Burik, WA8PXL
- **Chapter Secretary:** John Passaneau, W3JXP
- **Chapter Treasurer:** Carmine Prestia, K3CWP
- **Chapter Manager:** Keith Adams, N3IM

Chapter activities:

- Monthly meetings on Saturday mornings at Carver's Family Restaurant.
- Annual picnic on July 31, 1999.
- Participation in local and national radio events.

Contact information:

For more information about our chapter, contact Tad Burik at WA8PXL or John Passaneau at W3JXP.

Application has been made for a club call sign, but with the current delays in FCC processing, we have not been able to confirm the issuance of the desired call at this time. They took our money (actually Herb, KB9HM, volunteered to cover the cost and got charged twice but has now gotten credit for the second billing), and now we hope we will receive what has already been paid for. Additional word on this will be included in our next report. Once we have definitely got the call sign, we will have to come up with some uses for it.

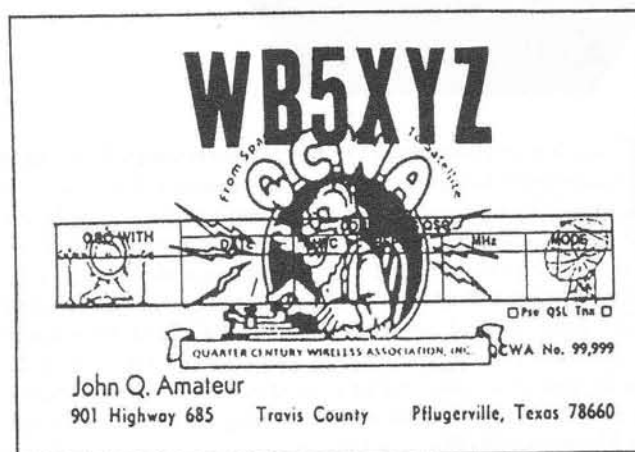
All in all It has been a pleasure to have this means to recognize those who have at least 25 years in amateur radio. We actually have members of the local club now wishing they had gotten licensed sooner so they could already be part of our chapter instead of having to wait a few more years for eligibility. It does give us confidence that our chapter will continue to grow, as there is a positive recognition factor involved in being a member of QCWA and our chapter.

John F. Strain W9MIU, Secretary/Treasurer



**Deadline
January 1, 2000**

Order Your Official QCWA QSL Cards Today...



QCWA QSL cards are USA standard size, printed on a heavy stock which is "coated" (shiny) on the logo side. Ink is a bright blue with light gray QCWA logo, and you may have your call in either solid letters (above) or shadowed (right). **WB5XYZ** Be certain to specify the letter style when you order.

If you want your county printed, please indicate so on the order blank. Also, tell us whether you want your state spelled out in full or printed with the standard postal abbreviation. Prices listed below include shipping. **Please print very clearly or type your order.**

Order Your QSLs Here

Complete in full and mail with your check to:

Call _____ ☐ Solid ☐ Shadowed
 QCWA Member # _____
 Name _____
 Street/PO _____
 County (optional) _____
 City _____
 State _____ ☐ Spell out ☐ Abbreviate
 Zip _____ ☐ ARRL
 Province/Country (if non-USA) _____
☐ 10 - 10 # _____ ☐ Grid Sq. _____
 Quantity: ☐ 100 \$25.00 ☐ 200 \$35.00
 ☐ 300 \$45.00 ☐ 500 \$60.00
 ☐ 1000 \$80.00

Complete in full and mail with your check to:
 QCWA, Inc., 159 E 16th Ave, Eugene OR 97401-4107



GETTING BEYOND “ANYBODY CAN DO THAT”

- By Alan J. Pickering, KJ9N National Director

In my informal surveys of QCWA members with whom I have visited over the past two years, I have discovered that most, if not all, have remained active amateurs because the challenge and the pleasure of operating “on the air” has never been lost. In spite of all the other ways of communicating which digital technology has created, the fun of turning on one’s equipment at all hours of the day and night, watching the dials light up, rotating the knobs or pressing the buttons, and then communicating by key, keyboard or voice remains the true “raison d’etre” (excuse my French) for those of us who are among the Elite, the Proud, the Many, the QCWA. But for many, many of those between the ages of 12 and 20, that fun and that excitement are missing. Amateur radio is threatened, we are told, by a decline in the number of the young out there in radio and TV-land who have no interest in our hobby nor who are excited by our way of communicating with one another, preferring the internet instead. Really?

But if Amateur Radio is to ever grow, or even hold its own, that has to change. What can we do about this ongoing decline, this supposed lack of excitement about using both analog and digital means, under one’s own control, to talk to others of like mind who are either across the street or 10,000 miles away? How can we reignite the excitement that many of us had using two tin cans and a string to shout across the yard, and then a crystal set to listen to WIFM (What’s In it For Me?) on the other side of town? And then getting a Novice ticket and actually getting on the air, and finally that first DX contact?

My own experience over the past several years in utilizing the latest communications technology is, I think, representative of the emerging opportunity for us to challenge the way things are and to encourage the growth of our mutual hobby.

First, the computer revolution. Like a lot of you, I got started back in the late 1970’s with the first PCs that showed up, and quickly discovered the amazing possibilities of moving up to machines with x86 processors and beyond. Now my cpu runs at 500 mHz and is connected to a 100 mHz bus. Hot stuff, huh? But you know, even with voice recognition software, a mini-cam stuck on the monitor with velcro, a mike and dual speakers, it’s still just a computer that has to be hard-wired to the telephone line in order to access the internet. Having a computer, using a computer for e-mail and word processing (which I do a lot of) is increasingly “old hat.” Everybody is doing it. All my senior citizen friends have succumbed and now they, too, are recognizing that the challenge of learning about communicating with a computer is not much more than typing on the keyboard or searching for a real-time chat room. The bottom line remains the same: using your fingers to walk through the yellow pages, as it were. Oh yes, you can manipulate text material easier and faster than you ever could on a manual typewriter, but other than that, e-mail is just the same old hunt and peck as before. And Believe It or Not, I have discovered that a lot of kids of high

school age have arrived at that same place! They are increasingly bored with computers - been there, done that, got the T-shirt to prove it. Most kids that I meet at the YMCA that I attend are no longer as “fascinated” with computers as ways to communicate as they used to be. To them, like me, it’s now also “old hat”. Few would dare be caught by their peers making big noises about how they can hardly wait to leave their school computer to get home and turn on the one in their own rooms or the family den. These kids are ripe and ready for a challenge! They are increasingly ready to be reminded, after bragging about their computer experiences (often just playing animated games all by yourself), “E-mail? Mystic? Doom? Anybody can do that!”

The same for pagers and cell phones. Like a lot of folks, I remember when I thought I was so important to the organization that paid my salary that I had to be at their beck and call 24 hours a day. First it was just a pager, and then it was a pager and a cell phone. In my car, at home, everywhere - I was so available that if I was talking on two meters or 20 meters, either place or any place, amateur radio was immediately set aside to answer that page or ringing summons from someone whose needs I let stand before my own. But you know, after a while that constant attachment to my pager and my phone got to be a drag. I’ve long ago given up the pager, since I don’t want to be always available all of the time. I have an answering machine on my telephone line, and I check it at my convenience, not the convenience of the caller. And the only time I turn on my cell-phone is when I am driving and I want to call someone else. Then I stop and do so, from inside the air-conditioned comfort of my vehicle. No more stopping to “answer” someone else’s summons, or driving and talking at the same time. In fact, most of the time I leave my cell phone at home for my wife, where the battery is often run down from simple nonuse.

Believe me, friends, when I tell you that there are lots of kids that have arrived at the same place. The personal pagers and cell phones that were so “cool” — even in school — just a couple of years ago, are passe’ in many places these days. A lot of adults have decided that they will no longer be the rats in the rat race, along with a lot of kids who have now discovered that a pager and/or a cell phone is just one more hunk of metal that weighs them down, distracts their attention and disturbs their face-to-face conversations. In other words, “anybody can do that.” And that’s right. It doesn’t take much brainpower to buy and carry a pager or a cell-phone. Increasingly, everybody has them. So what?

“So what,” is that this is a time of golden opportunities for amateurs to present the challenge of our hobby! Gadgets that anyone can own and use bore kids. Kids are desperate for some activity that is parentally approved, non-violent, can be bragged about, and that is enough of a challenge that not everyone is doing or can do it! Amateur radio is that challenge and that activity!

How long has it been since you invited a kid between the ages of 12 and 18 into your shack to see what ham radio is all about? How recently have you approached your junior high or

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Dots, Dashes and modern warriors

- by Bill Hess Sierra Vista Herald, Sierra Vista, AZ

The following article written by Bill Hess was published in the Sierra Vista Herald March 14, 1999 and is reprinted with permission. The QCWA Journal thanks John McKinney Jr. WOAP for submitting it for consideration.

FORT HUACHUCA - How fast a person's brain can recognize a group of dots and dashes and then send an internal electric signal to the fingers of that individual to type out the letter or number of what had been heard less than a second before?

To do it quickly and under pressure takes training - hours of wearing headsets listening for the nuances that differentiate between groups which in vocal shorthand are called "di" and "dah".

Welcome to the world of Morse code.

It is the world of Air Force Airman Erreka Coleman, Marine Pvt. Timothy Davis and Army Pvt. Rebecca Dennis. A world where 12 percent of the more than 600 military students do not graduate.

It is also "home" for Air Force Technical Sgt. James Miller, Marine Sgt. Robert Rodriguez and Army Staff Sgt. Walter Smith - who are part of the instructor corps at the Department of Defense's Executive Agency for Morse Code Training located on Fort Huachuca.

For the three students and trio of instructors, their physical world is generally confined to a classroom on the post.

The students sit before a computer, listening to the dots and dashes coming through headsets, their fingers poised over the keyboards.

Even through the brightly-lit room, which can hold up to 28 students and two instructors, is quiet, some students keep their eyes closed as they listen, apparently to eliminate any kind of distraction.

Getting Beyond - Continued from page 40

middle school about putting on a demonstration of a hobby that ties in with the study of geography, physics, and modern languages? From my experience, post-Columbine Junior and Middle School professional educators are eager to hear and open to receive proposals from QCWA members about a demonstration of Amateur Radio. Once they find out who we are, and what we stand for, and how our ethics parallel their own, and what we are trying to do in the way of challenging their kids - they are often eager to become our partners in providing intellectual and emotional growth. Teachers know that getting kids to take initiative for their own learning is a tough proposition. That's why amateur radio, with its challenge of individual initiative and achievement is so attractive as an "at home" alternative learning experience - an experience of turning on and tuning in to the "big" world beyond.

Let's get on with it, colleagues! The opportunities are out there just waiting for us to seize them. As for computers, the Internet, pagers, and cell phones - anybody can do that. Amateur radio - well now, that takes some time and effort and the learning of some new skills. And NOT everybody can do that. Only the Elite, the Proud, and the Many out there in our schools - with whom we can share the same excitement and the same challenge that has long driven us as members of the QCWA! What a great challenge, totally consistent with our QCWA mission, this is for all of us. When will your chapter respond? ♦

The basic Morse course is designed to allow students to work at their own pace.

In the classroom, Coleman, Davis and Dennis were at different levels.

Dennis had already completed the basic part of the course and was waiting for her advance class to start.

Like many others who make it through the basic course, she keeps returning to build up her speed and to keep her proficiency up.

The 19-year-old from Salisbury, MD said without keeping the proficiency level up, she was afraid when she starts the advance course it will be difficult. The advance course, which has a maximum of 32 days of classes, gets into more classified areas.

Coleman, 18, from Meridian, Miss., is ahead of where she should be in the basic course, which has 68 maximum academic days.

To her, the object is staying focused on the lessons.

Davis, a 20-year-old from Solon, Iowa, is taking part in the course's Head Start Program.

Waiting for his class to officially start, the Marine is getting a head start by listening to the code.

In fact, he already is ahead of where he would be in a formal class setting.

While neither Coleman, Davis and Dennis had any previous experience with Morse code, they all have typing experience.

To the instructors, being able to type is a critical need.

Students are given keyboard training so they do not use the hunt and peck system.

Miller said students cannot allow what their brains are receiving to be delayed while they look down at the keyboard to strike the right letter or number.

Rodriguez added if a student is seen looking down, their hands and keyboard are covered to stop the habit.

Although the students start out slowly to be able to graduate from the basic course they must be able to do 20 groups a minute. Each group consists of five letters or numbers, which means by the time they are at the top speed there is only nanoseconds between the series of dots and dashes.

Smith said each student has to be looked at individually because each has a different pace.

Students must also learn a number of code shorthand - called copy chatter.

As an example three sets of letter, each starting with the letter Q have different meanings, like QRU standing for "I have nothing for you." There are 23 of the Q code shorthand groups.

Also students must memorize 41 code shorthand, ranging from two letters to five, such as EEEEE which stand for error.

Learning the basic code is broken down in a number of lessons and they don't start with A and end with Z. The first lesson consists of (are) the letters C, H, O, W, Y and L. The letter A is part of the fourth lesson

Keeping the students motivated is a major problem, the three instructors said.

It is something the students said is also important.

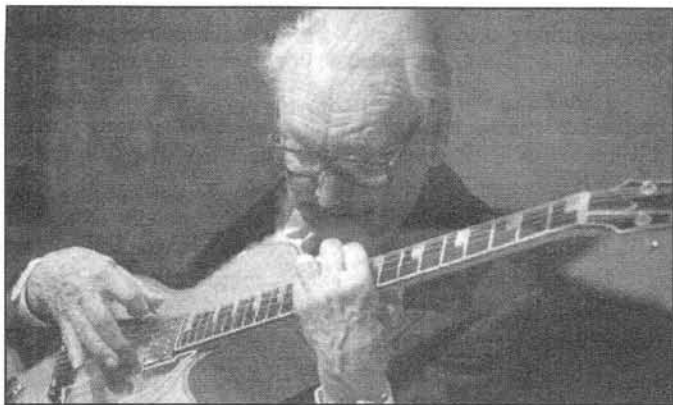
Hours and hours of listening to a combination of a "di" and a "dah" and being able to recognize the differences, which to the uninitiated seem similar, is critical in the field of intercepting a Morse code message from a potential enemy and providing the

Continued on page 42

BYU ovations prove Alvino Rey still has masterful musical touch

Legend donates his library to university

By Sharon M. Haddock, Staff Writer Deseret News Utah



Alvino Rey (W6UK)

The following is a tribute to Alvino Rey (W6UK) that appeared in the Deseret News of Provo Utah on Friday, March 27, 1998. The article, sent to the Journal by Maryellen Vaughn KA7ZRW of Mr. Rey's Chapter 160, notes that the article had been prepared prior to his wife's death.

Brigham Young University jazz aficionados shared history-making with one of music's living legends Thursday in the Madsen Recital Hall.

Continued from page 41

correct letters and numbers [to] the code breakers so that the intelligence community can provide a correct analysis to commanders, the instructors said.

Smith said when code is being done fast by operators, the letter S and H and D and B and I and S are so similar that the person listening on the other end must know the differences between those letters.

Each student can be tracked individually on master computers in each classroom, which always has at least two instructors.

Instructors can look at every student's progress and pull up an individual's course material and see how that individual is doing.

Color coded, with blue and gray indicating good progression, Green, progressing at a lower speed and red, indicating trouble, the instructors can call a student over and can either help with problem areas or design faster lessons. Instructors also assist students at their individual stations.

With between one year and three years instructing on the post, Miller, Rodriguez and Smith said they find the job satisfying, especially when a student gets the course material.

For Coleman, Davis and Dennis their drive is to be part of the 88 percent who make it through the basic and advanced Morse code courses.

The instructors said from what the three have already shown they have no doubt the three will go through the course work fast and will soon be listening for the dots and dashes of a potential enemy. ❖

Alvino Rey, the 89-year-old father of the pedal steel guitar, showed up to mesmerize the overflow crowd and accept tribute for donating the Alvino Rey Orchestra Library to the university.

He strummed the banjo, stroked the Spanish guitar and soloed on the console guitar that bears his name. He was backed up by the Synthesis jazz band and the Jazz Legacy Dixieland band, which set a jiving pace racing through such numbers as "Blue Rey," "The Sheik of Araby," "Bourbon Street Parade" and "Guitar Boogie."

An appreciative crowd of students and musical peers cheered Rey on, celebrating his gift, his talents and his music with two standing ovations before the event concluded.

"Rey is a pioneer in radio and television broadcasting," said Steven Call, director of the Jazz Legacy Dixieland Band and a member of the BYU School of Music faculty. "He's one of Utah's treasures and one of Utah's most influential musicians."

Rey invented not only the 12-string pedal steel guitar but was instrumental in the development of the electric guitar.

He started his musical career - which spans eight decades - as a guitarist with Horace Heidt. He formed his own band in 1939 and had a best-selling record in 1942, "Deep in the Heart of Texas."

He was inducted into the Music Hall of Fame in 1969 for his contribution to development of electronic stringed instruments, was a band leader and guitar soloist during the Swing Era and remains active in music performance.

He was invited to play with his band for President Ronald Reagan's inauguration.

And he's still recording music in his Sandy home studio.

The library collection Rey is giving to BYU will include music and arrangements no one else has, said Newell Dayley, associate dean of the school of music, plus 161 custom arrangements for Dixieland bands, solo guitar and string orchestras, and rare sheet music.

Many of the manuscripts are written in the hand of those who originally composed the music.

The collection fits into 22 large boxes and will be made available to musicians and scholars at the university.

"I thank you for your support. We love you. I'm thrilled that BYU has accepted the music. I hope it'll be of use to them," Rey said at the end of the tribute concert. "All of my children went to BYU and most of the King family."

Rey is married to one of the King Family sisters, Louise, and lives in Sandy. He joined The Church of Jesus Christ of Latter-day Saints during the 1960s.

Call, who shared a tuba and banjo duet with Rey on stage, said Rey is his living link to the musical past and such great artists as Louis Armstrong, Nat King Cole and Dizzy Gillespie. "Those who are in the 'Who's Who in Jazz' were teenagers when he met them. Many were on his radio and television program," he said.

"He's a musician who's seen and done it all," said Larry Green, also a member of the music faculty. He explained that the pedal steel guitar is an instrument of infinite pitch with complexity and depth that has yet to be fully explored.

"Mr. Rey has big ears so he can hear the pitch perfectly," he quipped. "My hat is off to you."

"Too often we talk and read about what went on (in the past)," said Dayley. "This man has created 20th century history here. We appreciate very deeply the gift. We will take care and preserve it."

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Thanx to Maryellen Vaughn KA7ZRW of Chapter 106 for the submission.

1999 QCWA Scholarship Awards

QCWA General Scholarships - \$1000 each

Jessica R. Asbill KC7YET, Dairy, OR
April N. Bonderud N1XRI, Monmouth, ME
Sara M. Crabtree N8VRD, Kettering, OH
Bobby J. Gass KB4UG, Greenville, TN
Marco M. Midon N5ACR, Miami, FL
Rebecca S. Polewczak N2LPW, Gansevoort, NY
Rebecca C. Sakarias KL7RC, Juneau, AK
Michelle R. Sciarini KB8ILX, Dover, OH
Wendy J. Silverman KC4ZQW, Spring Hill, FL

Ralph Hasslinger (W2CVF) Charter Member Scholarship - \$1000

John L. Walker N4DMR, Cullman, AL

Max Jacobson-John Kelleher Family Scholarship - \$1000

Dean E. Merritt N3PTD, Hunt Valley, MD

Donald & Phyllis Doughty Family Scholarship - \$1000

Michelle G. Pettus KC4FBE, Lineville, AL

QCWA Travis Baird (W9VQD) Memorial Scholarship - \$750

Stephen P. Margrave N7ANT, Vienna VA

QCWA Leo Meyerson Family Living Scholarship - \$750

Matthew C. Wilson KD4COA, Alexandria, VA

QCWA General Scholarships



Jessica R. Asbill, KC7YET

Jessica comes from a family where her father, mother and one brother are all licensed. She is attending Northwest College full-time in Kirkland, WA where she is maintaining a 3.1 GPA majoring in Ecointensive Biology. As a life's work she hopes to work in third world countries, advising them which crops to grow to yield the largest possible harvest while utilizing small ground spaces. Her sponsor was Richard Suber - QCWA #26332.



April N. Bonderud, N1XRI

April will be seeking a BS degree in Accounting Information Systems from Bentley College at Waltham, MA. She looks toward being an important part of a support team that appreciates each other's efforts. She is an active member of the Augusta (ME) Amateur Radio Club and enjoys participating in its public service efforts. She was sponsored by Phillip Young, W1JTH - QCWA # 16354.



Sara M. Crabtree, N8VRD

Sara plans to major in Communications at Ohio Northern University in Ada, OH. She is interested in organizing and publicizing important information. Ultimately she would like to be recognized as a reliable source for information with a further degree in Public Relations. She comes from an all-ham family and is a member of several radio clubs. Her sponsor was Evan Rolek, K9SQG - QCWA #26003.



Bobby J. Gass, KB4UG

Bobby holds an Advanced Class License and is an Elementary Education major in his junior year at East Tennessee State University. He is seeking a BS degree in elementary education and proposes to use it to teach middle school science and math classes. In May of 1999 he graduated Cum Laude with an Associate of Science Degree in Elementary Education from Walters State Community College in Morristown, TN. His sponsor is Abner Richards, K4MIK - QCWA# 24991.

Marco M. Midon, N5ACR

Marco is a blind graduate student who is serving as a co-op student at the Goddard Space Flight Center. He is scheduled to receive his Master's Degree in Electrical Engineering next year from the Florida International University in Miami. He has been a ham since age 11 and holds a General Class License. He is a member of the Goddard Radio Club and is active on all bands. His sponsor was Hugh O'Donnell - QCWA #25479.

**Rebecca S. Polewczak, W2LPW**

Rebecca will be starting her freshman year at Clarkson University in Potsdam, NY, majoring in Chemistry after graduating from Schuylerville HS in June 1999 as the valedictorian of her class. She holds a Technician Plus license and has been an active member of the Saratoga County (NY) RACES since 1989. She logs several hours each month using ham radio at community service events. Her career goal is work in research or development at an industrial or medical level. Her QCWA sponsor was David Bargovic, NR2J - QCWA #26070.

**Rebecca C. Sakarias, KL7RC**

Rebecca is the first award recipient from Alaska and plans to major in Physics at Southern Oregon University in Ashland and eventually seek a PhD. Her objective is to be a problem solver. Rebecca was an International Exchange Student in French southern Belgium. She holds an Extra Class license and is an active member of the Juneau Amateur Radio Club. Her QCWA sponsor is Dr. George Reifenstein, W3ML - QCWA #8197.

**Michelle R. Sciarini, KB8ILX**

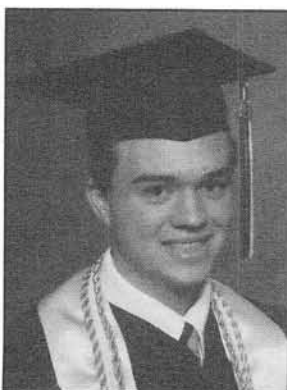
Michelle has been a FAR scholarship winner for the past two years. She will be a junior at the University of Akron where she is majoring in Mathematics. She would eventually like to obtain her Ph.D. and teach mathematics at the college level. She comes from an all ham family and holds a General Class license. Her QCWA sponsor was John Heimbuch, W8MO - QCWA #20814.





Wendy Joy Silverman, KC4ZQW

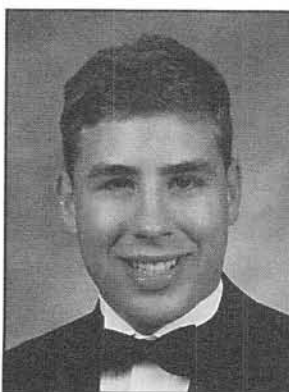
Wendy has twice been the winner of a FAR scholarship. Next year she is scheduled to receive her BA degree in Molecular Biology and her BS degree in Chemistry. She then plans to go to Medical school. As a life work, she would like to work with the Human Genome Project or specialize in surgery. She holds a General Class license and enjoys operating on both the HF and VHF bands. Her QCWA sponsor was Joan Borngraber, WC2G - QCWA #23748.



Ralph Hasslinger (W2CVF) Charter Member Scholarship

John L. Walker, N4DMR

John plans to major in Chemical Engineering at the University of Alabama. He would like to use and above all enjoy his training to study and develop pharmaceuticals. He comes from an all ham family and holds a Tech Plus license. His sponsor was Clarence Brice, W4DEU - QCWA #15790.



Max Jacobson-John Kelleher Family Scholarship

Dean E. Merritt, N3PTD

Dean plans to acquire a BS degree in Psychology with a minor in Business at Villanova University. He is currently a junior at Villanova, maintaining a 3.29 GPA. His high school, Loyola, has as its goal, "Men for Others". Clearly his participation in numerous social, athletic and academic activities indicate his continued commitment to serve others. His father and mother are both licensed and he is an active member in both of Baltimore's major radio clubs. His QCWA sponsor was Dr. Robert S. Bennett, W3WCQ - #23274.



Donald & Phyllis Doughty Family Scholarship

Michelle G. Pettus, KC4FBE

Michelle is one of our previous winners and is a senior at Auburn University where she is majoring in Heath Promotion and Sports Management. She plans to continue with graduate work to obtain a Master's degree in Physical Therapy. Her intention is to become a physical therapist working with the elderly. She holds a Technician Plus license that she received when she was 10 years old. She is a member of the Calhoun County ARA. Her QCWA sponsor was William Kelling W4KI - QCWA #28871, president of Chapter 40.

QCWA Travis Baird (W9VQD) Memorial Scholarship

Stephen P. Margrave, N7ANT

Stephen plans to pursue a double major toward to Associate degrees; one in Information Systems and the other in Electronics Technology from the Northern Virginia Community College in Annandale, VA. He holds an Extra Class license and was sponsored by Terrance Hines, N4ZH - QCWA # 23938.



QCWA Leo Meyerson Family Living Scholarship

Matthew C. Wilson, KD4COA

Matthew is still undecided on his major although he plans to seek a BA degree from James Madison University at Harrisonburg, VA. He wants to make a choice that will provide happiness and satisfaction. As an extension of school, he has attended the University of Virginia's Summer Enrichment program and has been a Counselor-in-training at the University Maryland serving as a guide to Japanese exchange students. He is involved in both church and community activities. His QCWA sponsor was Charles Stay, W4HE - QCWA #4890



This year we received requests from 41 of the 50 states. 40 of the applications filed were signed by a QCWA sponsor and all but 4 of these received QCWA or other FAR administered awards. Since 1973, QCWA has provided the funding for 170 scholarships with a total value of \$123,000 - a real tribute to its members who are giving something back to the hobby, which they have enjoyed. It is interesting to note not only the geographical distribution of the applicants and winners, but also their wide variety of career choices. The Foundation and its Scholarship Committee appreciate the Association's dedication to this worthy activity and your confidence in our efforts.

Hugh A. Turnbull, W3ABC
Chairman Scholarship Committee

QCWA Welcomes New Members

DATE.	MEMNUM	NAME	CALL	CITY	ST	SPONSOR	SCALL
07/01/99	29993	MEISS, RICHARD A	WB9LPU	SPEEDWAY	IN		
07/02/99	29994	ANDERSON, JAMES R	VE3ERA	TOBERMORY	ON	H J BRAUN	VE3DWH
07/02/99	29995	KRAFT, FRANK A	WA0MRY	MOBRIDGE	SD	R L CORY	W0YMB
07/06/99	29996	COOK, CARTER	W5URW	AUSTIN	TX	HAL HENEGAR	W5MDL
07/08/99	29997	VOYT, ROBERT A	WB8QCY	MUSKEGON	MI		
07/12/99	29998	BOBERSCHMIDT, LEO J	W3LEO	KENSINGTON	MD		
07/12/99	29999	BRADLEY, JIM	KR4JK	FREDRICKSBURG	VA		
07/13/99	30000	BOOTH, LIONEL S	N5LB	BISH	LA	HAMCOM 99	
07/13/99	30001	STILLER, THEODORE R	WA9RDI	MILWAUKIE	WI		
07/15/99	30002	SNYDER, WILLIAM A	K3NXP	PARRISH	FL	DENNIS FRANKLIN	K6DF
07/15/99	30003	TOBOLL, ERNEST R	KB0XU	KANSAS CITY	MO	BOB ROSKI	WA0CLR
07/16/99	30004	DAVIES, IVAN L	KF4WBN	FT MYERS	FL	W D ROLICK	W4IGE
07/19/99	30005	JAFFE, DAVID A	WA2BHJ	BERKELEY	CA		
07/19/99	30006	HEIN, ROBERT V SR	WB2HNE	COLUMBUS	NJ	DON FIELD	W2UAE
07/19/99	30007	TAG, DAVID H	N0HLI	WEBSTER GROVES	MO	WIN KRATZ	KB0KK
07/20/99	30008	SPERLING, RICHARD L	WB3JLK	PITTSBURGH	PA		
07/20/99	30009	MOXON, EDWIN C	K1GGI	HARWICH	MA	HAROLD CHASE	W1EES
07/22/99	30010	NELSON, DONALD A	KO6CO	SACRAMENTO	CA	PAUL WOLF	W6RLP
07/22/99	30011	RODGERS, TODD K	KC1SQ	WEST NEWBURY	MA		
07/26/99	30012	CAMPBELL, JOHN H	KB7NNP	LINCOLN CITY	OR		
07/26/99	30013	GALBRAITH, VINCENT S	N3OK	MONROVIA	MD		
07/28/99	30014	KINELY, HAROLD	WA4GIB	SPARTANBURG	SC		
08/02/99	30015	BENNETT, WILLIAM E	N7DZ	TUCSON	AZ	TODD RODGERS	KC1SQ
08/02/99	30016	SPENCER, DENNIS	AG0A	CAMERON	MO		
08/02/99	30017	JOHNSON, JAMES	WA5ESV	BRISTOW	OK	GENE NAILON	K5DLE
08/02/99	30018	MONTGOMERY, STAN	AA5HQ	OKLAHOMA CITY	OK	GENE NAILON	K5DLE
08/02/99	30019	SHAFFER, EARL DAVID	W5HMT	OKLAHOMA CITY	OK	GENE NAILON	K5DLE
08/06/99	30020	JOHNSON, BETTY	WD9AUC	PLOVER	WI	ROBERT E BAIRD	W9NN
08/06/99	30021	FOX, RONALD J	K9AKH	RACINE	WI	ROBERT N JENSEN	W0WLN
08/06/99	30022	HARRISON, JOEL M	W5ZN	JUDSONIA	AR	LELAND SMITH	W5KL
08/12/99	30023	RAUVOLA, ROGER B	NA6DX	SAN DIEGO	CA	KARL J KASEL	WB0BMY
08/13/99	30024	BELK, ALFRED	WA0YRI	BEAVER CREEK	MN	SOUTH DAKOTA CONV	
08/13/99	30025	AUGHENBAUGH, B C	W0SDK	IROQUOIS	SD	SOUTH DAKOTA CONV	
08/13/99	30026	MATHEWS, ED	W0ILL	HURON	SD	SOUTH DAKOTA CONV	
08/13/99	30027	SHELDON, AGNES S	K0KLQ	ABERDEEN	SD	SOUTH DAKOTA CONV	
08/13/99	30028	SHELDON, EDWIN L	W0NWM	ABERDEEN	SD	SOUTH DAKOTA CONV	
08/16/99	30029	BAILEY, CLAUDE	VE1HU	NASONWORTH	NB	JOAN POWELL	VE3ZC
08/16/99	30030	BREM, ELLWOOD E	K3YV	BPALSBURG	PA	JOHN PASSANEAU	W3JXP
08/16/99	30031	TUCKER, GERALD H	WA6LNV	PALO ALTO	CA	JOHN TROSTER	W6ISQ
08/17/99	30032	ALLEN, JOSEPH PATRICK	N0MU	PANAMA CITY BCH	FL		
08/20/99	30033	KLUG, RODNEY B	KE0A	GRAND FORKS	ND	GURNEE BRIDGEMAN	W9NT
08/23/99	30034	BUCK, CRAIG E	WA4TUF	FREDERICKSBURG	VA		
08/23/99	30035	MONTEIRO, ANTHONY J	AA2TX	NORTH ANDOVER	MA		
08/23/99	30036	STUEVE, CHARLES	W5INS	OKLAHOMA CITY	OK	GENE NAILON	K5DLE
08/24/99	30037	GARNETT, GARY G	WT0B	VICTORIA	TX	HAL HENEGAR	W5MDL
08/27/99	30038	MONTGOMERY, HERBERT S	KF8ZH	LEWISBURG	WV	NORMAN R LOUDERMILK	WA8AVZ
08/27/99	30039	WALKER, DAVID H	K0COP	ASPEN	CO		
08/30/99	30040	PANCAKE, C WILLIAM JR	W8SPK	KEYSER	WV	GENE NAILON	K5DLE
08/30/99	30041	WILLIAMS, LLOYD P	W5CWR	WASHINGTON	OK	GENE NAILON	K5DLE
08/30/99	30042	ALLISON, LAWRENCE W	KG4FWU	KANNAPOLIS	NC	CHUCK BRYDGES	W4WXZ
08/30/99	30043	GERSHEN, MARK R	KF6YAN	GLENDALE	CA		
08/30/99	30044	STONE, RILEY N JR	K4HYY	SUMMERVILLE	SC	JENNY M MYERS	WA4NGV
08/30/99	30045	THOMPSON, DARWIN	K6USW	SAN PABLO	CA	JIM WILLIAMS	K6HIO
08/31/99	30046	ABRAHAM, ROBERT	WB5FEY	SHREVEPORT	LA	ROGER LEY	WA0PZL
09/01/99	30047	PALMER, JAMES K	W6FOB	SAN LUIS OBISPO	CA	ROXANNA GRIGGS	K6ELO
09/03/99	30048	NAY, BLAINE S	NL7EL	BREMERTON	WA		
09/08/99	30049	JONES, LARocca T	KC4UXO	GAITHERSBURG	MD	DAVID PHILLIPS	W3PJM
09/08/99	30050	LYNT, EDWARD L	WA2GFH	MINEOLA	NY	CHAARLES BAKER	W2KTF

09/10/99 30051	HENDERSON, WALTER G	K4GDC	ELON COLLEGE	NC		
09/10/99 30052	FURR, WALTER L III	K4UNC	CHAPEL HILL	NC	H C KNIEF	W4DK
09/10/99 30053	FOSTER, GARY D	K8HID	INMAN	SC	H C KNIEF	W4DK
09/13/99 30054	BOWIE, W RUSSELL JR	K0BBB	OMAHA	NE	ELDEN MILLER	W0KVM
09/13/99 30055	LUCAS, RICHARD E	WB0NQM	LAWRENCE	KS		
09/13/99 30056	YUST, HARRY J	W3GU	WINTER GARDEN	FL	ROBERT B. CUMMING	W2BZY
09/13/99 30057	COOK, ROBERT A	KD5HXP	OKLAHOMA CITY	OK	GENE NAILON	K5DLE
09/13/99 30058	MELTON, LEONARD L	W5ERI	COMANCHE	OK	GENE NAILON	K5DLE
09/13/99 30059	WATSON, ALLEN A	W5ERY	EDMOND	OK	GENE NAILON	K5DLE
09/16/99 30060	BLAKE, DAVID H	N4DB	GAHANNA	OH	LELAND W SMITH JR	W4YE
09/17/99 30061	BRORUP, ERIK	VE7PEB	TERRACE	BC		
09/20/99 30062	AMOS, LAWRENCE LYEAL	W5SJC	BETHANY	OK	GENE NAILON	K5DLE
09/21/99 30063	SOKOL, ANTON J	W9JXN	EAST DUNDEE	IL	DALE G SVETANOFF	WA9ENA
09/21/99 30064	JAMBOR, DAVID F	K2DJ	BLOOMFIELD	MI		
09/21/99 30065	STURNIOLO, JOSEPH	W2WLF	SUN CITY CENTER	FL	LORRAINE WITKOWSKI	WA1EDR
09/29/99 30066	ARNOLD, GARY S	WB2WPA	NAPLES	FL	MYRON KELLEY	W4VQE
09/29/99 30067	BOWERSOX, KARL C	W7OR	PORTLAND	OR	PHIL KELLEN	K6CJ
09/29/99 30068	BROWN, R CAREY	KT4P	VIRGINIA BEACH	VA	ELIAS ETHERIDGE, JR	K4IX
09/29/99 30069	CHRISTIENSEN, EDWARD E	N4NCF	OVIEDO	FL	RICHARD RUCKER	KM4ML
09/29/99 30070	DUMAN, DONALD J	W8DD	MEDINA	OH	ROCKY ZIMMERMAN	W8UYN
09/29/99 30071	EVANS, ROBERT	W7RR	HILLSBORO	OR	ARCH DOTY	W7ACD
09/29/99 30072	LADA, ALPHONSE H	WA8OZC	BROOKLYN	OH	ROCKY ZIMMERMAN	W8UYN
09/29/99 30073	ROOG, FRED	WA1LXP	BROCKTON	MA		
09/29/99 30074	ZIMMERMANN, KEITH A	K5WX	AUSTIN	TX	HAL HENEGAR	W5MDL



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Chapters on the Air

NO	NAME	DAY	TIME	NC	FREQ	NO	NAME	DAY	TIME	NC	FREQ
	SO CALIF CW	SUN	1100L	W6WHM	7034	85	ARK-LA-TEX CH	MON	1930L	VARIES	146.67
	FL SSB	SAT	1300Z	W4NWF	3955	87	EVERGREEN CH	SUN	1500Z	VARIES	3984
	QCWA SSB	SUN	2000Z	varies	14347	89	PALMETTO STATE CH	SAT	0900L	W4DNR	3930
	FL SSB	WED	1500Z	W4NWF	7274	89	PALMETTO CH	SUN	1700L	VARIES	3695
	NE REGIONAL	SUN	0845L	W2AUF	3917	91	VIC CLARK CH	SUN	0900L	VARIES	146.79
	QCWA CW	WED	2000E	varies	7035	92	NORTHERN LIGHTS	SUN	2000L	KL7CDG	146.97
1	CLEVELAND CH	WED	2000L	W8NZD	146.88	94	ROADRUNNER CH	WED	1400L	WB5YYX	146.72
2	CHICAGO AREA CH	1Th	2130L	W9MOL	147.15	95	EASTERN NY	SUN	1130L	W2CJO	3900
4	NORTHWEST CH	SUN	1200L	W7PN	3952	96	GATEWAY CH	SAT	1600Z	W4KGT	3937
4	NORTHWEST CH	SUN	0800L	W7PN	3650	102	DAKOTA CH	SUN	1400Z	VARIES	3889
5	DELAWARE VALLEY CH	SUN	1445Z	W2EEQ	3917	105	MIDDLE TN CH	THU	2000L	VARIES	146.91
6	PITTSBURGH CH	SUN	0830L	W8CSU	147.03	106	GERMAN CH	TUE	1700Z	DL1MEB	3573
7	SOUTHERN CA	SUN	1000L	W6ZRZ	147.36+	106	GERMAN CH	MON	1700Z	DL0QCW	3669
7	SOUTHERN CA	SUN	0900L	W6WHM	3917	107	CENTRAL FL	SAT	0900L	W4LHP	7243
8	UPPER MIDWEST CH	SAT	0800L	W0KHG	3877	107	CENTRAL FL	THU	1230L	W4LHP	14245
9	SOUTHWEST OH	SUN	1330L	K8YPD	3987	108	BEAVER STATE CH	WED	0800L	W7LVN	3926
10	MICHIGAN CH	SUN	0800L	VARIES	3903	109	BATON ROUGE CH	SUN	2000L	VARIES	146.79
11	NORTHERN CA	SUN	0930L	W6AFT	3907	109	BATON ROUGE CH	SUN	0830L	VARIES	3905
11	NORTHERN CA	SAT	1000L	W6AQR	146.85-	110	KANSAS CH	SAT	0730L	KAORZO	3920
12	SOUTHEAST FL	WED	2000L	VARIES	146.76	112	YANKEE CH	SUN	0830L	K1JJJ	3903
14	SAN DIEGO CH	WED	2000L	K6QS	145.52	114	NORTH TEXAS CH	SAT	0830L	WA5BXH	3941.5
16	ARIZONA CH	SUN	0630L	W7ER	3890	120	QCWW	TUE	1400L	W3QPP	14295
17	ALLTOWN-BTHLEHEM-	SUN	1200L	VARIES	3990	122	LAKE ERIE TRI-STATE	SUN	0930L	W3QPP	3915
19	MISSOURI CH	WED	1930L	KDOIR	147.15	122	HUDSON VALLEY CH	SUN	0815L	W20ZA	3917
20	BALTIMORE CH	MON	2100L	W3EE	147.285	123	LEE DEFOREST CH	SAT	0730L	VARIES	3940
21	CANTON OH CH	THU	1930L	W8DRT	147.180	126	PIED MON T CH	SUN	0845L	VARIES	3935
25	NEBRASKA CH	TUE	1900L	W0HXL	146.94	128	PELICAN CH	SAT	0900L	VARIES	145.29
25	NEBRASKA CH	SAT	0830L	VARIES	3982	128	PELICAN CH	MWF	1600L	VARIES	145.29
28	CENTRAL NY	SUN	1030L	K2MFB	3917	130	INLAND EMPIRE	WED	1930L	W6HV	1.896MH
29	FINGER LAKES CH	SUN	1230L	VARIES	3900	130	INLAND EMPIRE	FRI	1600L	W6HV	3862
31	READING,PA CH	MON	2100L	VARIES	146.91	130	INLAND EMPIRE	SAT	0800L	W6HV	3862
32	GATOR CH	SAT	0900L	VARIES	145.29	131	GULF COAST CH	TUE	0830L	VARIES	28750
33	GUNDERSON PENN-JER	DLY	2000L	W3APE	3982	134	PINE TREE	SUN	1430L	VARIES	3942
35	MIDCONTINENT CH	THU	2030L	K0YML	146.97	135	MID-MICHIGAN CH	TUE	2000L	VARIES	146.70
36	NORTHWEST IN	WED	1930L	N9MRS	147.495	138	CENTRAL NJ	TUE	2100L	VARIES	148.045
36	NORTHWEST IN	THU	2000L	N9MRS	3703	140	WYOMING CH	SAT	0800L	W7MZWW	3923
37	HARRISBURG CH	WED	2100L	K3IUY	147.12	141	HI-PLAINS CH	SAT	0900L	W5MVJ	3933
38	SAN ANTONIO CH	SUN	2030L	W5HRF	28650	142	NORTHWEST OH	WED	2000L	W8FO	147.27+
41	DALLAS CH	SUN	0715L	varies	3835	143	NORTH CO CH	SUN	0830L	VARIES	145.115
45	CITRUS CH	TUE	1930L	VARIES	147.195	146	TWIN STATE CH	SUN	0830L	WA1NBI	3898
46	FOUNDER'S CH	SUN	0845L	W2AUF	3917	149	NUTMEG CH	SUN	1130L	W1KHL	3923
46	FOUNDER'S CH	THU	2030L	W2AUF	147.36	150	DEL-MAR-VA CH	SUN	0900L	K3PFW	146.82
48	TREASURE COAST CH	DLY	1700L	KD2XD	14,176	151	WILD ROSE CH	MON	1900L	VARIES	3747
48	TREASURE COAST CH	DLY	0800L	KD2XD	7153	152	ROYAL PALM CH	T-TH	1300L	K4FA	14178
49	PEACH STATE CH	WED	2000E	VARIES	145.41	152	ROYAL PALM CH	MWF	1300L	W4LZV	7220
49	PEACH STATE CH	SAT	0900E	K4VN	3857.5	154	LEO MEYERSON CH	THU	1830L	K6AWO	145.480
51	TEX-LA GOLDEN TRI	MON	1830L	WA5YCW	146.68	157	PONY EXPRESS CH	SUN	0830L	W0GGP	3955
54	TYLER CH	MON	1930L	W5RRM	28.650	160	UTAH CH	SAT	1100L	VARIES	7272
55	WI CH	SUN	0830L	VARIES	3985	162	SOUTHEAST WI	THU	2100L	N9NBC	147.87
58	CO CH	SUN	0900L	W9KRES	3905	165	YORK COUNTY PA	WED	2100L	W3AXC	146.97
58	CO CH	SUN	0930L	VARIES	146.67	173	GOLDEN TRI CH	TUE	1930L	W9JRY	147.255
62	SUWANNEE CH	SAT	0900L	W4PFJ	3940	174	WI BADGER	SUN	1600L	VARIES	146.82
63	CENTRAL OK CH	SUN	0800L	W5AS	3856	180	FOOTHILLS / OZARK	SAT	0800L	KODEW	3861
63	CENTRAL OK CH	THU	1900L	W5AS	145.41	181	HUDSON VALLEY CH	TUE	2030L	WA2RRK	147.060
64	EL PASO CH	SAT	0830L	W5RO	3933	181	HUDSON VALLEY	SUN	0815L	W20ZA	3917
65	NIAGARA FRONTIER	SUN	1330L	W2SD	3900	182	NORTHEAST TN	SUN	2100L	W4QW	145.110
67	AUSTIN CH	SAT	0900L	N5WU	3920	183	PIONEER CH	SUN	1000L	W1ALL	3923
70	NATIONAL CAPITAL	THU	2000L	VE3QCW	147.03	188	LOST RIVER CH	1 W	1915L	K7RFO	146.85
73	SOUTHERN ONTARIO	SUN	0900L	VE3AGS	3773	191	MON TEREY BAY CH	TUE	1930L	AA6T	145.70
75	CENTRAL CA COAST	SAT	0800L	W6RBB	3917	192	PUERTO RICO CH	WED	1900Z	VARIES	146.850
76	BLUE RIDGE CH	SAT	1000L	K4RR	3930	194	HAWAII CH	1st S	1500L	VARIES	7088
77	NORTHERN NJ	THU	2000L	W2IET	147.030	195	SUN CITY CH	SAT	0900L	VARIES	145.29
77	NORTHERN NJ	SUN	1300L	N2XJ	3917	196	EDISON CH	DLY	1000L	VARIES	146.88
79	SUN FLOWER CH	WED	2100L	VARIES	146.82	196	EDISON CH	DLY	0730L	VARIES	147.345
81	LONG ISLAND CH	FRI	2030L	K2YAW	146.745	198	MID SIERRA CH	SAT	0700L	W6JTA	3906
81	LONG ISLAND CH	SUN	1130L	W2TLC	3917	199	PHIL LEIBLE CH	SUN	0930L	WAOXNI	3905
						203	GILBERT CROSSLEY	2WED	2000E	VARIES	146.85

Lightning can ruin your day.

- By Gerd Schrick WB8IFM

There is not much you can do against a direct lightning hit. Even completely "unplugged" equipment might be affected. Look at it as a powerful RF signal that momentarily creates an extremely strong field and thus gets into everything that is close. Size of the "metallic" equipment and its attached wires determine the amount of energy that is picked up ... you take it from there ...

Literally, "in a flash", lightning can do a lot of damage. Today's solid state equipment is more than ever susceptible to damage by lightning induced over voltages and, since the trend is to lower operating voltages, this situation is not getting any better.

I got hit in late May during a nighttime thunderstorm. Of course, all the equipment was turned off and the antenna switch set to dummy load. Half asleep, I saw the flashes and routinely counted the seconds until I heard the thunder. I noticed it was very close but didn't give it much attention.

Next morning (Sat 22 May) after breakfast I turned on the computer to do my daily e-mail but I couldn't get it to work. After some experimenting, unplugging this and that, I found that indeed the modem was defective. Well, I heard people had often trouble with their PC and/or modems through voltage spikes, and the industry makes a lot of money selling "surge protection" outlet strips to run your equipment. Since the PC was working fine and it was fed with "raw" unprotected AC, I thought the spike must have come in over the phone line. So I checked all the rest of the equipment connected to the phone line: Fax, answering machine and the various other phones; all checked out working fine. Lucky me, I thought.

There was a computer show that day which we attended, and a new modem was now number one on my list. Getting back home the new (external) modem was connected and I was back on the internet. All seemed ok again.

Later in the afternoon I turned on the FM stereo to listen to some music, but the set remained silent, cranking up the gain, changing the station did no good, playing a CD, however, was ok. So, obviously the frontend was gone. Now I got suspicious, I grabbed the remote and clicked on the TV, nothing happened, the same with the VCR, the outlets checked out ok and the antenna rotator worked. Now I really got perturbed and the next stop was at my ham shack.

Throwing the main switch, which is a knife switch separating the two 120 V phases from the outlets of 120 and 240 V in my shack, my TR-7 came on right away but it was dead silent on receive and there was zero output on transmit. Moreover, I sensed the smell of burnt insulation. The other piece of expensive gear, the dual band Yaesu 736 satellite receiver was also completely dead and a quick check of the fuses gave no clue.

That was the situation, when I left for a month of work on the Phase 3d satellite at the Orlando lab. While there, I got an e-mail from the xyl telling me there was an eyewitness to the lightning: our neighbor to the West, who is gravely ill and can't sleep too well, observed the whole thing. She described the entire house being engulfed in sparkles. Also the same storm hit an apartment complex about 2 miles away which burnt down with a damage of \$400,000. Nobody got hurt.

After I got back there was time to further evaluate the damage and I found a few lesser items that were affected also. Although the rotor control box still indicated the position of the antenna the lever that moves it left and right, wiggled freely when I touched it but nothing happened. A bunch of contacts were all burned up and the little steel spring was even severed. Looking at this switch, the whole construction and studying the schematic I was tempted to junk this thing and "roll" my own. This was truly a design that had survived generations after the motto: "if it ain't broke, don't fix it". I even found a selenium rectifier in it. And, by the way, the smell I noticed earlier came from burned Bakelite, a material from way back when. Next I found that the SWR/power meter did not work. This one in a small box had a burn mark on the bottom with a 1/8" deep crater.

This sure was a strange hit we took. It had very little to show on the outside. Careful inspection revealed a number of burn marks around screws that held down outlets. It seemed like a sneaky killer had crept into the equipment and selectively ruined sensitive essential parts. Some of the pieces are not worth worrying about and are better replaced with new gear, but I will check out and look into the TR-7 and the 736 to learn what happened and get it fixed.

What could be done better to prevent such catastrophe in the future? While in Florida, admittedly a thunderstorm eldorado, I had a chance to meet Dick Jantzen. WD4FAB and see how he deals with this problem. Dick had lived at his place in Maitland, just north of Orlando, for many years and survived numerous lightnings w/o getting any damage. What is his secret?

Dick separates all the station's connections to the outside physically at least by a foot or so. This includes all the antenna, rotor and other control cables as well as the AC mains using a cord and plug at the station's end. Furthermore the station "floats" meaning there is no lead to a common outside ground. The idea is to have lightning "bypass" your equipment, creating an effect like a Faraday cage.

Depending on your station's layout, this set up might not be too hard to implement. In any case it would provide that peace of mind which I am presently lacking when I hear distant thunder.

Silent Keys

With sadness we record the passing of these members

NAME	CALL	MEMNUM	L	SK	CITY	STATE
KEEL, AUBREY	W0AKL	18770		1999	KANSAS CITY	MO
BOWMAN, RICHARD E	W0WZR	09157		1999	ALLIANCE	NE
DLUGOS, GEORGE V	W1JRV	16575		1999	STRATFORD	CT
MUNSEY, RAY W	WA1OWC	25693	*	1999	CHICHESTER	NH
BOWEN, J HARTLEY	KD2AE	23319		1999	HADDONFIELD	NJ
MAYERNIK, FRANK J	W2ASM	16294		1999	WEST PALM BEACH	FL
DORHOFFER, ALAN M	K2EEK	13483	*	1999	PORT WASHINGTON	NY
KRENZEL, STANLEY J	W2HEN	16816		1999	SOUTH RIVER	NJ
IKONOMOU, MICHAEL S	W2JIX	09423		1999	HUDSON	FL
GENOVA, M LEONARD	KC2SP	16799		1999	HOLMDEL	NJ
ALBION, AGATHON	W2UMS	10462		1999	LEWISTON	NY
ROACH, ISAAC	W3AWF	04651	*	1999	VERO BEACH	FL
KAVCAK, ANDREW J	W3ECT	22168		1999	BETHLEHEM	PA
BADDORF, CARL E	W3FZO	07325		1999	HATBORO	PA
DUX, JAMES P	K3JD	22716		1999	LANCASTER	PA
MC KERAL, HELEN	W4DEV	10143		1999	BLAIRSVILLE	GA
ABERCROMBIE, P E	W4HYC	14564	*	1999	CHERRY LOG	GA
ARROWSMITH, BOB	K4JN	16947		1999	LAKEWOOD	OH
THOMAS, JOHN S	NR4N	19867		1999	STONE MOUNTAIN	GA
BEDFORD, DORIS J	NY4S	13729		1999	GREENVIEEL	SC
INGRAHAM, RUSSELL W	W4UIO	13242		1999	KINGSPORT	TN
BOLGER, JAMES M	W5AXM	08417		1999	OKLAHOMA CITY	OK
GOSE, PAUL O	W5CJE	12909		1999	WICHITA FALLS	TX
HENRY, RUSSELL S	W5HRS	10189	*	1999	STERLING	CO
CORNELSEN, A C	W5LHU	10043		1999	ENID	OK
SEALE, JACK K	W5SKT	13288	*	1999	QUITMAN	TX
ELLER, WILLARD M	NH6IB	20824		1999	WAILUKU	HI
STEINFELD, JOHN L	KH6JSE	08295		1999	ENGLEWOOD	FL
EDER, CHARLES B	W6LOE	20914		1999	CITRUS HEIGHTS	CA
BERLIER, H M	K6PQ	03335	*	1999	BOISE	ID
WALIN, ROBERT A	VE6TE	23784		1999	CLIVE	AB
SNIDER, EARLE K	K6TST	04282	*	1999	OAKLAND	CA
MEYER, DONALD E	NF7F	13141	*	1999	ARIZONA CITY	AZ
BALAKER, EDWARD R	WK7L	22700		1999	SUN CITY WEST	AZ
POWER, CHARLES M	K7MNV	20686		1999	LYONS	OR
BLAIR, ROBERT E	W8ABL	15377		1999	MAYFIELD HGTS	OH
PAUL, ROBERT W	W8CMO	13705		1999	AAKRON	OH
WILLEMIN, DAVID R	N8DW	14885	*	1999	ELYRIA	OH
KEATING, PATRICK D	WB8KWD	20241		1999	FREMONT	OH
MANNING, BOB M	W8LXA	13084		1999	PARMA	OH
SIMON, NORMAN O	W8LXR	29383		1999	GENEVA	OH
HIGGINS, DOROTHY	W8RZN	16158		1999	TOLEDO	OH
LONG, A RAY	W8WYU	05658		1999	DAYTON	OH
KENNICOTT, HIRAM L JR	W9RBD	07747		1999	HIGHLAND PARK	IL
ASBILL, RONALD WQUIT	W9ROK	07553	*	1999	MINIER	IL

QCWA MEMBER NUMBER

30000

The QCWA has surpassed 30,000 members but the Journal was interested in just who was the ham who became the 30,000th member. It was none other than Lionel S. Booth Jr. of New Orleans, Louisiana. We ask Mr. Booth to write a brief profile of his "career" in amateur radio and here it is.

I became interested in short wave listening courtesy of the neighbors whose lawn was in my care each summer. They had a portable short wave radio that I commandeered as often as possible even though it was really for their boat. Christmas of 64 brought me a Hallicrafters S-108 from my parents. My mom bought it at Sears in New Orleans for the nearly unimaginable sum of \$160. Many nights were spent listening to broadcasts, keeping a log and collecting the prized QSLs from distant shores. I listened to the sounds of 'Donald Duck', occasionally catching a word or two, on these 'ham' bands that were conveniently marked on the 108's dial.

My ham career began 'officially' on January 22, 1966 with QSO number one with my high school friend across town, WN5MRL (Gary Cavell). It was a hand shaking, nerve rattling CW QSO on the only frequency I had available, 7182 kHz. Shortly after I worked Jim, WN5OMJ, in Houston Texas. This was DX by my standards with the venerable Hallicrafters HT-40 and S-108 into a dipole at some ridiculously low height and the drifting, in your dreams selectivity receiver.

My lifelong interest in hamming began while a cadet in Civil Air Patrol. One of the first things that I noticed was that cadets could get a 'Radio Proficiency' patch for their uniforms and that the 'radio guys' seemed to get a lot of respect from the squadron. So the first step was obtaining the CAP radio proficiency to operate their 2 meter AM radios used for air to ground communications. This led me to meet Garland 'Andy' Anderson K5GFB and to see a real 'ham' radio room. This was in 1965 and I was smitten by the sights, sounds and smells of ham radio. Mr. Andy gave me my novice exam, as he had done for many others before me. The Instructograph blasted out the words at 5WPM, sounding like rattle of machine gun fire. It was terrifying but somehow I was successful and Mr. Andy congratulated me while signing the official looking papers he would forward to the FCC. Six really long weeks later WN5ORM, Metairie, Louisiana was 'on the air'.

While a novice the most surprising time was when KZ5IKN, Canal Zone, appeared in person to deliver his QSL. Kent was passing through New Orleans and just sort of stopped by to visit. My most thrilling was working SP5YC on 15 meters during the first long hot summer as a ham. I first copied P5YCS, then H5YC, then S5YC, until a local friend called, exasperated, to set the record straight.

In those days a novice had a short career. Either upgrade or be gone. My last QSO as a novice, and as WN5ORM was at

0855 GMT, August 12, 1966 with WA5OCT Mountain Home, AR., followed by my first QSO as a General - WA5QEK at 1300 GMT, August 12, 1966 with WN5OLS in Jackson, MS.

All of my operations as a new General were either CW or 2 meter AM until I acquired a National NC303 and Johnson Invader adding SSB to my capabilities. But still I remained a CW operator and could usually be found on 20 meters, Vibroplex in hand working any and all. My most memorable times were working a group of VK's so frequently in the early morning hours that we all came to know each other by the swing of our bugs.

Following my senior year of high school I went to LSU New Orleans to study engineering, a decision brought about by the early years hamming and a need to learn more. Through college I continued with ham radio, building Heathkit transceivers and new antennas, chasing DX and ragchewing on CW. Near the end of college the local radio club, The Greater New Orleans Amateur Radio Club, arranged for the FCC to administer tests at the club one Friday night. That night I passed my extra exam along with a number of other local hams including my college buddy WA5TFX, Louie.

After college, marriage in 1974 and family took most of the time but I always maintained some degree of HF capability and acquired a Drake C Line along the way as a Christmas present from XYL. This act on her part spread much envy amongst my ham peers who had been consulted on the 'best' radio.

Today I have five children, a wonderful supportive wife and a country home with plenty of antenna space near New Orleans. My ham activities now are more centered on DX digital style, and a collection of 'boat anchors' including my original HT40 and S-108. The primary station consists of a TS850 and the original Drake C Line from the 70's Christmas. Operations are capable from 160 through 2 meters in most modes.

Oh, and the engineering career worked out pretty well also. I am the President of a consulting engineering company with over 130 employees serving the heavy industries in the southeast. Work and family permitting I can be found on 20 meter Pactor or 40/30 meter CW usually on Sundays. Not all that bad for a nearly 50-year resident of New Orleans.

I started out looking for a neat patch for my CAP uniform and found a great hobby, a great career and a lot of good friends. Looking through the logbooks to write this has brought all those many years rushing back in. I'd volunteer to do it all again in a heartbeat if some great power would just ask.



About the QCWA Logo

Wes Randles, W4COW
QCWA Historian

In the summer issue of the Journal under Letters to the Editor Wes, W9ZXX writes, "For a long time our logo has offended me".

We, in QCWA, do not wish to offend any of our members. Our Logo is a part of our History. For you and any member who does not know this is how our Logo came about.

Over the years that I have been a member of QCWA there have been a few others who have objected to the old man smoking a pipe. QCWA is over 50 years old and it is not surprising that some of our members do not know some of our history and the origin of our logo or of the name of our association etc.

We all know that QCWA was organized in 1947. The logo came a year or so later. I am still trying to pin down the date but I believe it was late 1948.

The following is taken from "Reflections of the First Fifty Years" which appeared in the 1997 Winter issue of the Journal.

LOGO

With the growth of QCWA membership throughout the US, it became desirable to have suitable insignia, or logo, for use on QCWA stationery, pins and banners. Charter member Otto Eppers, W2EA, a commercial artist and QSL card designer offered to design a distinctive insignia. He submitted a number of designs at a meeting, but none appealed to the members present. Suddenly someone held up an old battered copy of QST of November 1922. It was turned to page 17 with the article "Rotten QRM" by "The Old Man". Adjacent to the title was a small sketch showing an old-time wireless operator smoking a pipe and keying a spark set. All gathered around and admired the sketch. By unanimous vote the sketch was adopted as the Official Emblem of QCWA. W2EA proceeded to make an enlarged drawing with some minor modifications, such as adding some sparks and the initials "QCWA". Thus the QCWA logo was created. Who was "The Old Man" and why was his influence so great? More in the next issue of the Journal.

As QCWA Historian I was delighted to accept, in behalf of QCWA, that original drawing which is framed and carefully cared for until such time as we may have a museum where it can be on display.

Over the years, since we have known the hazards of smoking, several members have tried to suggest changes to the logo and each time it has been turned down. Our logo is a part of our history and QCWA does not in any way condone use of tobacco in any form..

In future issues I will try, for our members who do not know, to bring you more articles about our history and those who influenced the part QCWA plays in the history of amateur radio.

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ANSWER TO *So You Think You're Smart* Quiz

Wroooooong - if you said either Laurel or Hardy. The gentleman on the left is QCWA's very own Dennis "Sparkie" Moriarty K8AGB of Canton, Ohio. On his right is Dale "Pogo" Walter Sr. The two of them have been doing their impersonations of Laurel and Hardy since 1992 after doing a clown act for 15 years.

Their most memorable experience - July 1994 when they were in costume for three days at the International convention of the "Sons of The Desert" a group of Laurel and Hardy Look-A-Likes who were holding the 30th anniversary in Tarrytown, N.Y. There were over 300 Laurel and Hardy buffs from around the world at the convention.

Dennis and Dale were the Grand Marshals for the Oliver Hardy Festival this year at Harlem, Georgia.

The resemblance of the two to the real Laurel and Hardy was noticed when Dennis and Dale were dressed as the classic comedians for a Roaring Twenties Theme breakfast. Moriarty's wife was comparing the original Laurel on a collector's plate with Dennis and said, "Take of your glasses and smile". His resemblance was "spooky" she said.

Partner Walter then colored his hair black and grew a mustache to tailor his resemblance to Hardy. They studied old movies for tips on mannerisms and costumes and they became an instant hit.

Dennis Moriarty and Dale Walter Sr. are both retired employees of American Electric Power (AEP) and have been close friends and partners in entertainment for many years.

Member Classified

FOR SALE: A fine selection of hand CW keys for sale. Priced to sell. Pictures available at: <http://cq.hypemart.net> E-mail: tony@megastyle.com

Wanted: Ten-Tec Accessories for Argonaut 515: 206A Pulsed Crystal Calibrator, 208A CW Filter/Variable Notch Filter, Others? wb4rhb@arrl.net Ph:(703) 590-5156

SELL: RFC 2-23 Power Amp. 143-149 MHz. 2W in/30W out. \$50.00. I ship. Good condition. Stanley Egelberg, 4 Sage Place, Eastchester, NY 10707. Ph: 914-337-6159

WANTED: Heath Rotary Coaxial switch. Will pay reasonable plus S & H. Emil Scholtz K4BXD, 5808 E. Kimbryer Ln., Inverness, FL 34452.

SEARCHING: Crystal historian seeking information about contributions made by women from the twenties through the WW2 years. Please contact Jim Musgrove K5BZH, 4217 Buckeye, Fort Worth, TX 76137. Ph: 817-232-9438.

WANTED: McMurdo-Silver 802 HF Ham Radio Receiver. jmiller@Basit.com Jim Miller WA2UMP, 32 Garretson Rd., White Plains, NY 10604. Ph: 914-644-2603.

FOR SALE: Multi-Elmac PMR8 revr, 6 ham bands plus BC. Looks good, works good, w/book. Make offer. Dick Beckham W7FVM, 562 N. 325 W. Ivins, UT 84378. Ph: 435-628-2048.

WANTED: Mosley CM-1, Ten-Tec 315, RX-10, Heathkit AR-3, GE371, Hallicrafters CR-3000. Herman Schnur, 3205 Brick Kiln Road, Greenville, NC 27858. Ph: 252-752-2264.

WANTED: First issue QST. Believe December 1917? Will pay. Must be first issue. Answer with price. If you have similar month, year - let me know. First month, year Highest pay. Jerry Mulberg W2MJP, 609 Kappock Street - 8E, Riverdale, NY 10463-7756.

WANTED: Vibroplex Aephyr Bug (3" wide base). Collins goods. Signal Magazines. KN9VKY, 130 Tara Dr., Fombell, PA 16123. 724-758-2688.

FOR SALE: Vintage 5-inch Triplett Oscilloscope working condition w/book. Swan MB-40A transceiver w/book. Needs final transistors. Make offer. Dick Beckham W7FVM, 562 N. 325 W. Ivins, UT 84738. Ph: 435-628-2048.

WANTED: Hallicrafters SR400A, HA 20 VFO, McMurdo-Silver 801, 802 receiver, Eddystone receivers. John Hurst KU6X, 2512 Euclid Crescent East, Upland, CA 91784. 909-981-6759 or hurstjsj@gte.net

FOR SALE/TRADE: Manuals for Lafayette, Morrow, Gonset, Harvey-Wells, RME, B&W, EICO, Johnson, Allied/Knight, Globe/WRL, National, Hammarlund, Hallicrafters, Clegg, Ameco, Drake, others. Al NI4Q, P.O. Box 690098, Orlando, FL 32869-0098. Ph: 407-351-5536. e-mail: ni4q@juno.com

WANTED: Narrow based Vibroplex bug (3 inches or less). McElroy Bug. Early Collins goods. Signal Magazines. B&W JEL coils. Brian Roberts K9VKY, 130 Tara Dr., Fombell, PA 16123. 724-758-2688.

Please send classified ads to QCWA Journal, 672 Indian River Dr., Melbourne, FL 32935 to arrive no later than 1 month prior to publication date. Ads may also be faxed to 800-421-3279 or e-mailed to gwentz@digital.net

Kindly limit ads to 25 words. Words are counted as follows: **WANTED, FOR SALE, FREE**, etc count as 1 word; your address counts as 6 words.

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for membership in QCWA.
Effective 4/1/96

For Office Use Only

Membership No. _____

Date _____

First Licensed, Year _____

Deposit Record _____

Have you been previously enrolled in QCWA? _____

I, _____, _____
(Please Print Name Clearly) Present Callsign

having been licensed as an amateur 25 or more years ago and presently holding the call listed above (it is not necessary to have been licensed the entire 25 years) hereby apply for membership in QCWA. I understand that proof of the original date of licensing is required. My complete mailing address is:

Street Address _____

City _____

State _____

Zip _____

I will keep QCWA Headquarters advised of changes in my address and/or callsign. My first amateur license was issued _____ Other calls held _____

I wish to become affiliated with QCWA Chapter _____

Date of birth _____ Birthplace _____

Present occupation/business _____

If retired, what was major life work? _____

Other organizations you belong to _____

Your signature _____

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QCWA dues for a three-year period	\$50	\$12	_____
QCWA life membership	\$300	\$90	_____
Payable in 3 equal installments of \$105 each, in a one-year period	\$315	\$105 (3 payments of \$35)	_____

Initial registration fee, all new members - \$3

Gold membership pins are available, your call engraved, no year tags. Check type of fastener.

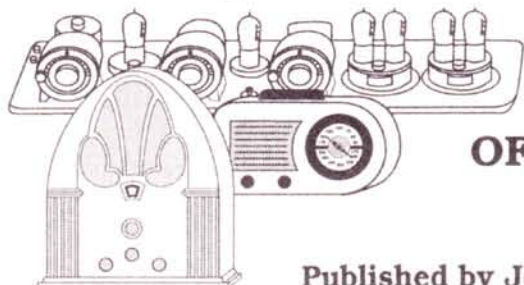
Tie tack _____, Screw button _____, Safety pin _____, ----- \$10 each _____

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